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1939

ST. LOUIS SEED CO.

BULBS SEEDS PLANTS
"PURE AND SURE"
TRADE MARK
ST. LOUIS SEED CO.

411
NORTH BROADWAY
NEAR LOCUST ST.
ST. LOUIS, MO.

Phone CEntral 4100

1939 Annual Catalog

WE WANT OUR CATALOG to be a friendly medium of contact and amicable business relations. We have endeavored to give cultural directions in conjunction with the various varieties wherever possible.

When we advertise "Pure and Sure Seeds" we mean that our customers receive seeds which have been tested under varying conditions prior to sale; thus reducing to a minimum the possibility of failure.

Serving the Market Gardener, Farmer and Amateur for years, we have always kept before us the importance of "Pure and Sure Seeds" of the highest quality.

That we have succeeded in our efforts to furnish seeds of this High Quality during the years we have been in business is shown by the very gratifying increase which our business has shown year by year. We have been favored, too, with remarkably loyal support on the part of our customers, many of whom started to trade with us years ago and are with us yet. To old and new customers alike we are sincerely grateful.

Suggestions for Ordering

Phone CEntral 4100 **Phone CEntral 4100**

ORDER EARLY

WE WISH TO IMPRESS UPON YOU THE ADVANTAGE OF EARLY ORDERING. It is not only a convenience to us but it is also for your sake that we request this. Avoid the spring rush and have your seeds when you want them. They will not spoil, and the delay necessarily attendant during the spring will be eliminated. You will not be waiting for your seeds, when you should be planting. Our service will please you even during the busy season. Send your order now.

Remittances should be made by Post Office Money Orders, Drafts on St. Louis Banks, or Express Money Orders. Where it is not possible to obtain these, the letter should be registered. We cannot guarantee receipt of money sent in any other way.

Goods desired C. O. D. must be accompanied by a partial remittance to guarantee acceptance.

In filling out your orders always give Shipping Directions, and write Name and Address distinctly on each and every order.

PARCEL POST: Customers on R. F. D. routes, and beyond express delivery will aid us by stating: "Goods reach us by Parcel Post only," to avoid mistakes in sending by express.

ALL PRICES on VEGETABLE SEEDS are net, but on PACKETS, up to 5 LBS. WE PREPAY POSTAGE, EXCEPT WHEN NOTED.

PURCHASER PAYS TRANSPORTATION on Plants, Shrubs, Potatoes, Farm Seeds, Grass Seeds, Implements, Sundries and Poultry Supplies; also Seed by gallon, peck and bushel.

EXPRESS AND FREIGHT CHARGES on large quantities are cheaper than Parcel Post. We charge no cartage to depots or the Express Company offices, nor do we charge for boxes, packing or for small muslin bags.

When seamless cotton bags are required they must be remitted for; 25c each.

THE PRICES QUOTED IN THIS CATALOG ARE NET. We reserve the right to advance prices without notice should current conditions require it.

PLEASE NOTE—ABOUT WARRANTING SEEDS

NON-WARRANTY. Most of the failures with seeds, plants and bulbs are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or too shallow planting, etc., which renders it impossible for us to guarantee success, and although we take all possible care to supply only such goods as will, under proper conditions, produce satisfactory results, we still give no warranty as to description, quality or productiveness of any of the seeds, plants or bulbs we send out, and will not be in any way responsible for the crop, and every order for articles named in this Catalog will be executed on these conditions only. It must, however, be plain to everyone who gives the matter the slightest thought that it is to our best interests to send out only such stock as will not only grow, but prove true to name and description.

ST. LOUIS SEED COMPANY.

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St. Louis Seed Co.'s

HAVALAWN

Grass Seed for Good Lawns

A CAREFULLY SELECTED MIXTURE FOR ST. LOUIS LAWNS

Composed of seed of the finest grasses, tested for fertility and recleaned to insure greatest purity. Cheap seed mixtures are expensive. Most cheap seed contains a large quantity of chaff and non-fertile seeds.

1 lb., 40c 3 lbs., $1.10 5 lbs., $1.75 10 lbs., $3.40
25 lbs., $8.00 100 lbs., $30.00

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

(*Courtesy, Massachusettes Agricultural College*)

The HIGH COST *of* LOW COST

100-lb. bag	$4.00
50-lb. bag	2.50
25-lb. bag	1.50
10-lb. pkg	.85
5-lb. pkg	.45
1-lb. pkg	.10

F. O. B. St. Louis, Mo.

The above picture was taken of a sample of seed purchased at a low cost. An analysis made by the Massachusetts Agricultural College showed that the good seed present in this mixture actually cost $2.67 per pound. Don't be mislead by false economy. It's most economical to buy quality products.

In plant foods, your best buy is Vigoro, the complete plant food. It offers more pound for pound value for your money.

Vigoro supplies all 11 of the vital food elements all growing plants need from the soil. It's clean, odorless, sanitary, and easy to apply.

VIGORO
Complete plant food

St. Louis Seed Co.'s Reliable Grass Seed

Prices subject to change without notice.

All our Lawn Grasses are recleaned and tested for highest quality, purity and germination.
One pound of Lawn Seed will sow 10x30 feet; 75 to 100 pounds to the acre.
By mail, add postage.

St. Louis Seed Co.'s Havalawn Mixture. Every package bears our green label—no other is genuine. Havalawn is a mixture of the finest recleaned grass seeds. Havalawn insures a steady succession of growth. Only seeds that produce fine velvety lawns are used. **1 lb., 40c; 3 lbs., $1.10; 5 lbs., $1.75; 10 lbs., $3.40; 25 lbs., $8.00; 100 lbs., $30.00.**

St. L. S. Co.'s Shady Lawn Mixture. This mixture is intended for all situations in partial or complete shade, and will be found valuable on grounds lying under the shadows of trees. **1 lb., 50c; 3 lbs., $1.45; 5 lbs., $2.25; 10 lbs., $4.25; 25 lbs., $10.00; 100 lbs., $35.00.**

Quick Results Mixture. This is intended for back yards, large playgrounds, etc., that are not intended to be kept cut closely, and where grass is wanted quickly to cover unsightly places. **1 lb., 20c; 3 lbs., 55c; 5 lbs., 85c; 10 lbs., $1.60; 25 lbs., $3.50; 100 lbs., $13.00.**

St. L. S. Co.'s Terrace Mixture. Composed of varieties which make strong roots to take hold on terraces and embankments. **1 lb., 60c; 3 lbs., $1.70; 5 lbs., $2.70; 10 lbs., $5.10; 25 lbs., $12.00; 100 lbs., $45.00**

Blue Grass, Kentucky (Poa pratensis). Fancy extra recleaned. Kentucky Blue Grass is the most hardy and valuable of all grasses. Sown with white clover it forms a splendid lawn. **1 lb., 25c; 3 lbs., 70c; 5 lbs., $1.00; 10 lbs., $1.90; 25 lbs., $4.25; 100 lbs., $15.00.**

Blue Grass, Canadian (Poa compressa). A very hardy perennial grass with creeping root-stocks. **1 lb., 30c; 3 lbs., 85c; 5 lbs., $1.20; 10 lbs., $2.40; 25 lbs., $5.50; 100 lbs., $20.00.**

Bent-Astoria (Agrostis Tenuis). A very fine-bladed grass producing a thick turf. **Lb., $1.25; 3 lbs., $3.50; 5 lbs., $5.00; 10 lbs., $9.50.**

Bent, Creeping (Agrostis Species or South German Mixed Bent). Its rapid growth and stoloniferous roots form a strong enduring turf which withstands hard usage. **Lb., $1.50; 3 lbs., $4.00; 5 lbs., $6.50; 10 lbs., $12.50.**

Bent, Seaside (Agrostis maritima). This is the variety which was first identified in Oregon. It is a hardy creeping variety forming close mat-like sward and is very desirable for putting greens. **Lb., $1.25; 3 lbs., $3.50; 5 lbs., $5.00; 10 lbs., $9.50.**

Bermuda (Cynodon dactylon). It is of dwarf habit with long creeping stems, rooting at the joint and covering the ground with a matting of fine turf. **Lb., 50c; 3 lbs., $1.45; 5 lbs., $2.25; 10 lbs., $4.25.**

Chewings' Fescue. (New Zealand-Grown.) Does well in sandy soils, and in the shade. Sow either spring or fall. **Lb., 90c; 3 lbs., $2.65; 5 lbs., $4.30; 10 lbs., $8.40.**

Fescue, Meadow (Festuca pratensis). This grass is also called English Blue Grass; flat and bright green. **Lb., 25c; 3 lbs., 70c; 5 lbs., $1.00; 10 lbs., $1.90; 25 lbs., $4.25; 100 lbs., $15.00.**

Orchard Grass (Dactylis Glomerata). Very desirable for early pasture. Also fine for sowing in shaded places. **Lb., 30c; 3 lbs., 85c; 5 lbs., $1.20; 10 lbs., $2.40; 25 lbs., $5.50; 100 lbs., $20.00.**

Poa trivialis. An ideal grass for shade. A spreading, thickly matting stoloniferous-rooted species; **Lb., 65c; 3 lbs., $1.80; 5 lbs., $2.90; 10 lbs., $5.75; 25 lbs., $13.00; 100 lbs., $50.00.**

Red Top, Fancy (Agrostis palustris). Red Top is a remarkable grass accommodating itself to a variety of soils and conditions. It is strongly drought-resistant. **Lb., 25c; 3 lbs., 70c; 5 lbs., $1.00; 10 lbs., $1.90; 25 lbs., $4.25; 100 lbs., $15.00.**

Rye Grass. Succeeds well on almost any soil, but is particularly adapted to moderately moist lands. **Lb., 20c; 3 lbs., 55c; 5 lbs., 85c; 10 lbs., $1.60; 25 lbs., $3.50; 100 lbs., $12.00.**

Rye, Italian. It is best used as a nurse crop for other grasses or as a winter substitute for Bermuda grass. **Lb., 25c; 3 lbs., 70c; 5 lbs., $1.00; 10 lbs., $1.90; 25 lbs., $4.25; 100 lbs., $15.00.**

Timothy (Phleum pratense). Used mostly for its hay crop, but is also used in lawn grass mixtures. **Lb., 15c; 3 lbs., 40c; 5 lbs., 60c; 10 lbs., $1.00; 25 lbs., $2.25; 100 lbs., $8.00.**

CLOVER FOR LAWNS

White or Dutch. A low growing Clover. Very desirable for beautifying the lawn. 1 pound covers 600 square feet. **1 lb., 75c; 3 lbs., $2.15; 5 lbs., $3.50; 10 lbs., $6.80.**

GONE WITH THE WIND

Kills crab grass, chickweed and other annual weeds in lawns without killing permanent lawn grass. Easy and inexpensive to use. 8-oz. can enough to make 5 gallons solution.

Price, $1.00.

EROSIONET

EROSIONET is a strong, economical, open-mesh fabric made of tightly twisted, paper twine. When placed over any seeded surface, its ¼-inch square mesh forms millions of tiny dams which catch and hold your seed and sod firmly in place. Thus, damaging "washouts" from heavy rains are effectively checked without cutting off the sunlight. 45 inches wide. **Per Yard, 7c.**

All American Selections and Novelties

MORNING GLORY (Scarlet O'Hara)

Gold medal winner in All-American trials. Blooms early and continues until frost. Stays open longer than others, blooms will be found open in afternoon. Color, cornelian red, size about 3½ inches. Foliage is quite distinct, each leaf with one large and two small side lobes. **Pkt., 25c.**

HOLLYHOCK (Indian Spring)

Silver medal in All-American trials. Blooms first season from spring sown seed and continues to bloom on side shoots after the main stems have been cut away. It has semi-double to double flowers in shades of pink. **Pkt., 25c.**

PETUNIA (Hollywood Star)

Silver medal, All-American trials. Five-pointed star-shaped flowers of rose-pink with creamy yellow throat. Plants bushy. It is early blooming and prolific throughout the season. **Pkt., 35c.**

PHLOX DR. GIG. (Salmon Glory)

Silver medal, All-American trials. Hugh flowers, soft salmon-pink with creamy white eyes. Plants about 10 inches high. A prolific bloomer and a grand bedding variety. **Pkt., 25c.**

CYANOGLOSSOM (Firmament)

Bronze medal, All-American trials. A new dwarf type of Chinese forget-me-not. Plants uniform, bushy, 15 to 18 inches high. Rich blue color. Very easily grown. **Pkt., 25c.**

PETUNIA (Velvet Ball)

Bronze medal. A dwarf compact plant. A continuous bloomer, flowers large, wavy, very attractive for bedding. Color mahogany red with violet hue. **Pkt., 35c.**

MARIGOLD (Early Sunshine)

Bronze medal, All-American trials. A very early free flowering dwarf strain of Dixie Sunshine. Grows about 24 inches tall and bushy. Flowers 2 to 2½ inches, incurved petals. Color, lemon or sulphur yellow. **Pkt., 25c.**

PETUNIA (Salmon Supreme)

A dwarf bedding hybrid of distinct new light salmon color with white throat. Very free flowering. **Pkt., 35c.**

PETUNIA (Ladybird)

A dwarf free flowering variety. Color deep topaz rose with dark veins in throat. **Pkt., 25c.**

AQUILEGIA (Blue Heaven)

Blue Heaven, introduced last year, is one of the most beautiful we have grown. Plants grow about 16 inches high and are very free flowering. Flowers are large, bright blue with pure white corollo, and are carried well above the foliage on rigid stems. **Pkt., 25c.**

Hollyhock Indian Spring

BALSAM (Troch)

Plants 8 to 10 inches high, very compact and literally covered with double vermilion red flowers. Unlike the taller growing Balsams the flowers are carried at the tips of the stems, making a show of color rather than foliage. **Pkt., 25c.**

DIANTHUS (Madam Butterfly)

This is perhaps the most unusual of the newer introductions. The flowers, which have extremely long-fringed petals, are from 3 to 5 inches in diameter. Colors, pink, light rose, white. **Pkt., 15c.**

HELIANTHUS (Orgyalis)

A strong growing perennial, 5 to 7 feet high. Leaves lance shaped 12 inches long, drooping. Two-inch flowers produced in great numbers. Color golden yellow, center purplish brown. An excellent plant for dry places. Blooms in September and October. **Pkt., 15c.**

NIEREMBERGIA (Hippomanica)

A neat compact plant that blooms continuously throughout the summer and thrives in extreme heat. **Pkt., 25c.**

THERMOPSIS (Caroliniana) (Perennial)

Golden yellow flowers produced on spikes resembling Lupines. Easily grown, not particular as to soil or position. **Pkt., 15c.**

St. Louis Seed Co.'s Fine Flower Seeds

ABRONIA UMBELLATA (Annual)

Verbena-like rose colored flowers. Trailing habit. 10 inches. Blooms in late summer. Fine for rockery. **Pkt., 10c.**

ABUTILON (Tender Perennial) (Flowering Maple)

Maximum Hybrids Mixed. Used extensively for pot culture; foliage is of maple form and often variegated; flowers bell-shaped; height 2 to 3 feet. **Pkt., 25c.**

ACHILLEA (Milfoil or Yarrow) (Perennial)

The Pearl. Branching plant bearing its pure white double flowers in great profusion all summer; 2 feet. **Pkt., 15c; ⅛ oz., 40c.**

ACONITUM (Monkshood, Wolfsbane) (Perennial)

Napellus Blue. Growing in any good garden soil; of slow germination, producing long spikes of curiously shaped blue flowers. 3 to 4 feet. July and August. **Pkt., 10c; ¼ oz., 40c.**

ACROLINUM EVERLASTING FLOWER (Annual)

Double daisy-like flowers. Best used for winter bouquets for which they should be cut when in bud. Mixed colors. **Pkt., 10c; ½ oz., 30c.**

AGERATUM (Floss Flower) (Annual)

An excellent plant for edging or bedding. For early bloom sow indoors.

Blue Cap. The flowers are much larger than those of Little Blue Star and of a deeper and richer blue. For edging, beds, and rockeries. **Pkt., 10c.**

Blue Ball. Compact bushes with a profusion of small ball-shaped pure blue flowers. 6 inches. **Pkt., 10c; ¼ oz., 25c.**

Imperial Dwarf Blue. Clear blue; compact growing plant; height 9 inches. **Pkt., 10c; ¼ oz., 25c.**

Imperial Dwarf White. Pkt., 10c; ¼ oz., 25c.

Little Blue Star. Plants densely covered with bright blue flowers; height 5 inches. **Pkt., 10c; ¼ oz., 40c.**

AGROSTEMMA CORONARIA (Perennial) (Rose Campion)

Exceedingly handsome and free-flowering; excellent for Rock Garden and cutting. Will bloom the first year if sown early. Blood red. June and July. 2 feet. **Pkt., 10c; ½ oz., 25c.**

ALYSSUM (Annual)

Miniature. This variety is of exceedingly dwarf and compact growth, miniature white flowers. **Pkt., 10c; ½ oz., 35c.**

Carpet of Snow. We know of no other white flower which is so particularly well adapted to borders. 4 inches. **Pkt., 10c; ½ oz., 35c.**

Little Gem. Very dwarf and compact. 4 inches. **Pkt., 10c; ½ oz., 35c.**

Lilac Queen. A distinct variety with lilac shaded flowers. 8 inches. **Pkt., 10c; ½ oz., 35c.**

Maritimum (Sweet). Of trailing habit; flowers white. 9 inches. **Pkt., 5c; ½ oz., 20c.**

Saxatile (Perennial). A grand variety of golden yellow color. Grows about 10 inches high; May; excellent for Rock Gardens. **Pkt., 10c; ½ oz., 50c.**

AMARANTHUS (Annual)

Beautiful colored foliage plants; succeeds best in sunny, dry locations.

Tricolor (Joseph's Coat). Useful in borders of tall plants or for the center of large beds; 2½ feet. **Pkt., 10c; ½ oz., 25c.**

Choice Mixed. Pkt., 5c; ½ oz., 15c.

AMPELOPSIS (Boston or Japan Ivy) (Perennial)

Veitchi Clings to walls of wood, stone or brick. 20 feet. **Pkt., 10c; ½ oz., 25c.**

ANAGALLIS (Annual)

Grandiflora Mixed. 8 inch. Lovely dwarf spreading plants, exceedingly effective as edgings, also in the Rock Garden. July and August. **Pkt., 10c; ¼ oz., 25c.**

ANCHUSA ITALICA (Dropmore) (Perennial)

A handsome plant producing drooping sprays of deep gentian-blue flowers. May and June. **Pkt., 10c; ¼ oz., 30c.**

ANEMONE (Wildflower) (Perennial)

Few plants compare with them in beauty; fine for bouquets. Sow outdoors in Spring, keeping shaded till the plants appear. August-October. 2 feet.

Japonica. Mixed colors. **Pkt., 15c.**

ANTHEMIS (Hardy Marguerite) (Perennial)

Tinctoria. 2 feet. Bright yellow; excellent for cutting. June and August. **Pkt., 10c; ¼ oz., 30c.**

New Hybrids. Colors range from white to golden yellow. 18 to 24 inches. June to August. **Pkg., 15c.**

ANTIRRHINUM OR SNAPDRAGON (Half-Hardy) (Perennial)

Maximum

This is a wonderful group of Antirrhinums. The flowers are of magnificent size; closely placed on the spike. 3 feet.

	Pkt.	¼ Oz.
Celestial. Salmon rose	$0.15	....
Copper King. Velvety copper scarlet	.15	$0.40
Golden Queen. Deep yellow	.15	.40
Purple King. Deep glowing purple	.15	.40
Snowflake. Pure white, yellow tube	.15	.40
The Rose. Rose-pink	.15	.40
White Spire. Pure white	.15	..
Mixed	.15	.40

Large Flowering Half Dwarf. 18 inches.

	Pkt.	¼ Oz.
Nelrose. Brilliant rose	$0.10	$0.35
Empress. Rich velvety crimson	.10	.35
Golden Queen. Clear yellow	.10	.35
Defiance. Orange-scarlet	.10	.35
The Bride. Pure white	.10	.35
Silver Pink. Pearly pink self	.10	.35
Mixed. Varieties	.10	.35

ANTIRRHINUM GIANT FLOWERING

2½ to 3 feet.

(Rust Resistant)

	Pkt.	¼ Oz.
Wall Flower Red	$0.15	$0.40
Fiery Red	.15	.40
Orange Shades	.15	.40
Pink Shades	.15	.40
Shasta White	.15	.40
Daintiness Rose-Pink	.15	.40
Mixed Named Varieties	.15	.40

Rust Proof Snapdragon. University of California Mixture. It contains a wide range of beautiful colors. **Pkt., 15c; ¼ oz., 50c.**

Tom Thumb or Dwarf. The plants grow about 8 inches high and mixed. **Pkt., 10c.**

Rock Hybrids. It forms small compact bushes with various colored flowers. It blooms earlier than the average Snapdragon; suitable for rock gardens. 8 inches. **Pkt., 15c.**

Aquilegia (Long spurred hybrids)

AQUILEGIA (Columbine) (Perennial)

A most desirable border plant. Blooms early in spring; useful for cutting. 2 to 3 feet.

Long Spurred Hybrids (Mrs. Scott Elliott Strain). Wonderful colors and color combinations, with very long spurred flowers. **Pkt., 15c.**

Imperial Long Spurred Hybrids. We offer an unusually choice strain of these lovely hybrids, ranging in color tones from creamy white and yellow to bronze red and blue shades. **Pkt., 15c.**

Chrysantha (Golden Columbine). Blooming later than the long-spurred hybrids. June and July. **Pkt., 10c.**

	Pkt.
Coerulea. Light blue and white	.15
Double. All colors mixed—½ oz., 35c	.05
Single. All colors mixed—½ oz., 25c	.05

ARABIS (Rock Cress) (Perennial)

Alpina. Unequalled for rockeries and one of the earliest spring flowers. The spreading tufts are covered with pure white flowers. 6 inches. **Pkt., 10c; ¼ oz., 25c.**

ARCTOTIS GRANDIS (Annual)

Blue-Eyed, or African Daisy. White and lilac. The large daisy-like blooms of this fine, hardy annual are excellent for cutting. 2 feet. **Pkt., 10c; ¼ oz., 20c.**

ARMERIA (Sea Pink or Thrift) (Perennial)

Formosa. Compact plants with grass-like foliage and large clover-like flower heads. 12 inches. June. **Pkt., 15c; ¼ oz., 35c.**

ASCLEPIAS (Butterfly Weed) (Perennial)

Tuberosa. Attractive plants, flowering during July and August, about 2 feet high. Produces umbels of bright orange colored flowers. **Pkt., 15c.**

ASPARAGUS (Tender Perennial)

The ornamental varieties of Asparagus are highly valued for their feathery sprays of foliage. Seeds start slowly and should be soaked in warm water before planting. 2 to 3 feet.

Plumosus Nanus (Lace Fern). The bright green sprays surpass the Maidenhair Fern. **Pkt., 10c.**

Sprengeri (Emerald Feather). A very elegant foliage plant for hanging baskets. **Pkt., 10c.**

Asters (Annual)

Choicest Varieties for Summer Flowering.

ASTER GIANT PEONY-FLOWERED (Annual)

A selection of Asters suitable for florists and home gardens. 2 feet. Mixed. **Pkt., 15c; ¼ oz., 60c.**

ASTER DWARF CHRYSANTHEMUM-FLOWERED (Annual)

Bushy plants, bearing large perfectly double flowers, fine for either gardens or pot culture. 12 inches. Finest mixed colors. **Pkt., 10c; ¼ oz., 35c.**

"QUEEN OF THE MARKET" (Wilt Resistant)

This variety is similar in type and growth to the late-branching Aster. The blossoms are produced on longer stems.

	Pkt.	¼ Oz.		Pkt.	¼ Oz.
White	$0.10	$0.40	**Blush Pink**	$0.10	$0.40
Lavender	.10	.40	**Purple**	.10	.40
Crimson	.10	.40	**Mixed**	.10	.40

EARLY WONDER

The earliest variety in cultivation, coming into bloom before "Queen of the Market." The flowers are large and very double; stems average 18 inches in length. Mixed. **Pkt., 10c; ¼ oz., 35c.**

EARLY AMERICAN BEAUTY

This variety is similar in type of flower and growth to the well-known Late Branching Asters. The flowers are fully double. **Pkt., 15c; ¼ oz., 50c.**

IMPROVED GIANT CREGO

Compact plant about 2 feet tall. They are classed as a mid-season type, filling in the season between the early and late Asters.

Mixed Colors. **Pkt., 10c; ¼ oz., 35c.**

AMERICAN BRANCHING WILT RESISTANT

The wilt disease of Asters is caused by a specific parasitic fungus, which may attack the plant at any stage in its growth from the seedling to the seed-producing age. The following seeds are from a wilt resistant strain:

	Pkt.		Pkt.
Azure Blue	$0.15	**Shell Pink**	$0.15
Crimson	.15	**White**	.15
Purple	.15	**Mixed**	.15

CALIFORNIA IMPROVED SUNSHINE

A beautiful type of Aster. The outer petals are long and narrow, whereas toward the center the petals are tubular, with a 4-pointed star at the end. 2½ feet. **Pkt., 15c.**

CALIFORNIA GIANT ASTERS

Their immense size and beauty, as well as their long and sturdy stems make them very attractive. 3 feet.

	Pkt.		Pkt.
Dark Purple	$0.15	**Peach Blossom**	$0.15
Deep Rose	.15	**White**	.15
Light Blue	.15	**Mixed, ⅛ oz., 35c**	.15

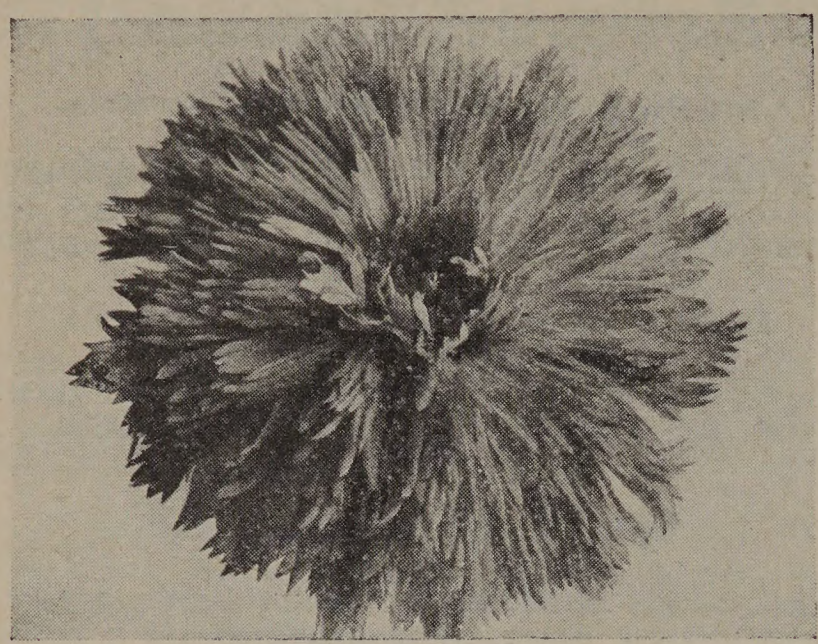
CHINA ASTERS

Single Mixed. Within late years the single Asters have gained in favor. 2 feet. **Pkt., 10c; ¼ oz., 25c.**

ASTER (Hardy Perennial)

Mixed, Michaelmas Daisies. Single fall-flowering hardy herbaceous plants, thriving in any good garden soil. 4 feet. **Pkt., 15c.**

Alpinus. For rockery or edging; grows 6 to 10 inches high and bears showy bluish purple flowers in May and June. **Mixed. Pkt., 15c.**



Calendula (Orange Shaggy)

AUBRIETIA (Rainbow Rock Cress)

Large-Flowering Hybrids. A beautiful dwarf rock plant, covered with sheets of bright flowers in April and May. 6 inches. **Pkt., 15c; ⅛ oz., 35c.**

BALLOON VINE (Love-in-a-Puff) (Annual)

A rapid-growing climber; succeeds best in light soil and warm situation; flowers white. 5 to 10 feet. **Pkt., 5c; ½ oz., 15c.**

BALSAM APPLE (Mormordica) (Annual)

A very ornamental and quick-growing climber. While it has a flower, it is grown mostly for the effect of the fruit which follows. When ripe it opens and shows the seeds and brilliant carmine interior. 10 feet. **Pkt., 10c; oz., 35c.**

BALSAM (Lady Slipper) (Annual)

Camellia-Flowered Double. An old favorite garden flower, producing its gorgeous masses of beautiful, brilliant-colored double flowers in the greatest profusion, 2 feet.

	½ Oz.	Pkt.
White	$0.35	$0.10
Scarlet	.35	.10
Salmon-Rose	.35	.10
Mixed	.35	.10

Rose Flowering, Double Mixed. ½ oz., 25c; pkt., 5c.

BAPTISIA (False Indigo) (Perennial)

Australis. A strong growing border plant 3½ feet high; dark green, deeply cut foliage and spikes of dark blue, pea-shaped flowers in May and June. **Pkt., 15c.**

BEAN, SCARLET RUNNER

A great favorite in Europe, not only as an ornamental climber, but for the delicious edible beans. **Pkt., 10c; ¼ lb., 20c; 1 lb., 50c.**

BEGONIA (Tender Perennial)

Sturdy plants with glossy foliage and profuse bloom. The seed should be started under glass.
Prima Donna. Light rose. 10 inches. **Pkt., 15c.**
Luminosa. Fiery dark scarlet. 10 inches. **Pkt, 15c.**
Fine Mixed. Similar to above, mixed. **Pkt., 10c.**

BELLIS-PERENNIS OR DOUBLE DAISY (Tender Perennial)

Admirably adapted for edgings, borders and low beds. Prefer shady location. 6 inches. Spring flowering.

	Pkt.
Double Red	$0.15
Double Pink	.15
Double White	.15
Double Mixed Colors	.15

BOCCONIA (Plume Poppy) (Perennial)

Cordata. A splendid, hardy perennial, with glaucous green foliage, and bearing, spikes of creamy white flowers. 6 to 7 feet. July. **Pkt., 10c; ¼ oz., 20c.**

BOLTONIA (Perennial)

Latisquama. A sturdy, tall-growing perennial, 3 to 4 feet high, bearing a profusion of daisy-like, pinkish lavender blooms during September and October. An excellent cut flower and very drought resistant. **Pkt., 15c; ¼ oz., 50c.**

BRACHYCOME (Annual) (Swan River Daisy)

Iberidifolia. Mixed. Delightful blue and white flowers resembling Cinerarias, borne on slender stems, with graceful foliage. Very useful for bedding. 12 inches. Summer. **Pkt., 10c; ½ oz., 40c.**

BROWALLIA (Annual)

Speciosa major. A beautiful large-flowering variety of the most brilliant ultramarine blue. 1 foot. **Pkt., 25c.**

CALANDRINIA (Grandiflora Rose) (Annual)

Flowers deep rose to crimson, saucer shaped on stems 12 inches high. Blooms from June until frost. Leaves long, fleshy, light green, marked lightly with red. Plants bushy. Plant in full sun. **Pkt., 10c; ¼ oz., 30c.**

CACALIA (Tassel Flower) (Annual)

A pretty free-blooming plant with red tassel-shaped flowers. also called Devil's Paint Brush. 18 inches. June to September. **Pkt., 10c; ½ oz., 35c.**

CALCEOLARIA (Tender Perennial)

Excellent plants for greenhouse or conservatory. Produces a mass of pocket-like flowers through the Spring and Summer.

Hybrida Grandiflora. A large flowering mixture. **Pkt., 25c.**

Multiflora nana. An attractive spotted mixture of dwarf growth. **Pkt., 25c.**

CALENDULA (Annual) 1½ Ft.

Calendulas besides being popular for outdoor culture are of great merit for forcing by florists.

Bodger's Pastel Bedding Mixture. This mixture contains a combination of the lighter shades of dwarf growing types, especially adapted for the home garden. **Pkt., 10c; ¼ oz., 40c.**

Chrysantha. The flowers are 3½ to 4 inches across. Color a fine buttercup-yellow with stems 30 inches long. Excellent for cut flowers. **Pkt., 15c.**

Campfire. The color of the petals is brilliant orange. **Pkt., 10c; ¼ oz., 50c.**

Lemon Queen. Pleasing rich lemon-yellow. **Pkt., 10c; ½ oz., 35c.**

Orange King. 18 inches. Color glowing orange. **Pkt., 10c; ½ oz., 35c.**

Orange Shaggy. Deep orange, shading to slightly lighter orange in the center of the bloom, giving the flower a delightful two-tone effect. **Pkt., 10c; ¼ oz., 40c.**

Mixed, All Colors. For woodlands and borders. **Pkt., 5c; ½ oz., 20c.**

CALLIOPSIS (Annual)

One of the most showy flowers, very easily grown; will thrive almost anywhere. Sow where they are to bloom. June to September.

Crimson King. A fine dwarf sort, 12 inches high; color, rich velvety crimson-garnet. **Pkt., 10c; ½ oz., 25c.**

Golden Crown. Orange yellow, some with extra row of petals. 12 inches. **Pkg., 10c.**

Golden Ray. Dwarf, compact plants, covered with flowers of rich maroon edged with golden yellow. **Pkt., 10c; ½ oz., 25c.**

Dwarf Superb Mixed. A fine mixture in shades from golden yellow to maroon. **Pkt., 10c; ½ oz., 25c.**

Tall Mixed. Valuable for mixed beds and borders. About 2 to 3 feet. **Pkt., 5c; ½ oz., 20c.**

Campanula

OR CANTERBURY BELLS

A very showy, hardy biennial, growing 3 feet high, with large bell-shaped flowers. Sow from May to September. Transplant when plants are large enough to handle; protect with straw during the winter.

MEDIUM CALYCANTHEMA (Cup-and-Saucer)
Biennial. 2½ feet.

This is unquestionably the finest type of this old-fashioned and much-prized garden plant.

	Pkt.		Pkt.
Dark Blue	**$0.10**	**Rose**	**$0.10**
Light Blue	**.10**	**White**	**.10**

Mixed, ¼ oz., 40c; pkt., 10c.

SINGLE CANTERBURY BELLS
(Campanula Medium)

Showy, hardy biennial, growing about 3 feet high, with large bell-shaped flowers. Protect during winter.

	¼ Oz.	Pkt.		¼ Oz.	Pkt.
Single Blue	**$0.35**	**$0.10**	**Single White**	**$0.35**	**$0.10**
Single Rose	**.35**	**.10**	**Single Mixed**	**.35**	**.10**

CAMPANULA (Perennial)

Carpatica, Blue (Carpathian Harebell). Color clear blue; grows 8 inches high. June to August. **Pkt., 10c; ¼oz., 25c.**

Carpatica, White. Pkt., 10c; ¼ oz., 25c.

Pyramidalis (Chimney Bellflower). Pyramids 4 to 5 feet high, bell-shaped flowers, blue and white mixed. **Pkt., 15c; ⅛ oz., 25c.**

CANTERBURY BELLS (Annual)

The plant grows about 2 feet high, each plant having from 6 to 8 spikes of blooms. We offer this in a mixture of blue, pink, rose and white. It will bloom 4 months after sowing seed. **Pkt., 10c; ¼ oz., 40c.**

CANARY BIRD VINE (Annual)

A beautiful rapid annual climber, the charming little canary-colored blossoms resembling a bird with its wings half expanded. 10 feet. **Pkt., 10c; oz., 35c.**

CANDYTUFT (Iberis) (Annual)

Giant Hyacinth-flowered. An excellent variety. Long trusses of white flowers. 1 foot. **Pkt., 10c; ½ oz., 25c.**

CANDYTUFT (Umbellata)

They bloom in about 8 weeks from the time of sowing, and in order to keep up a succession of bloom, two sowings should be made at intervals of about 2 weeks.

	½ Oz.	Pkt.		½ Oz.	Pkt.
Carmine	**$0.25**	**$0.10**	**Rose Cardinal**	**$0.25**	**$0.10**
Crimson	**.25**	**.10**	**White**	**.25**	**.10**
Lavender	**.25**	**.10**	**Mixed**	**.15**	**.05**
Flesh Pink	**.25**	**.10**			

CANDYTUFT (Perennial)

Gibraltarica. White flowers, shading to lilac. May and June. 8 inches. **Pkt., 10c; ¼ oz., 30c.**

Sempervirens. White blooming, early in spring; much used for cemeteries, rockeries, etc. April and May. 8 inches. **Pkt., 15c; ¼ oz., 40c.**

CANNA (Tender Perennial)

The seeds are very hard and should be notched and soaked before planting. Large flower. Mixed. **Pkt., 10c; oz., 35c.**

CARDINAL CLIMBER (Annual)

It is a strong and rapid grower, attaining a height of 30 feet or more, with beautiful fern-like laciniated foliage and literally covered with a blaze of circular fiery cardinal-red flowers from midsummer till frost. The flowers are borne in clusters. **Pkt., 10c; ½ oz., 35c.**

CARNATION

Highly regarded for their spicy scent, bright colors. Seed started in midsummer will bloom the following spring. 12 to 15 inches high.

CARNATION CHABAUD'S GIANT

	Pkt.	¼ Oz.		Pkt.	¼ Oz.
Dark Red	**$0.15**	**$0.50**	**White**	**$0.15**	**$0.50**
Deep Rose	**.15**	**.50**	**Finest Mixed**	**.15**	**.50**

Marguerite Mixed. Pkt., 5c; ¼ oz., 20c.

CARNATION (Grenadin) (Perennial)

This is a very fine strain, particularly adapted for garden planting. Seed sown in the spring will produce large and thrifty tufts that will stand out over winter and bloom throughout the following spring. 1½ feet.

	⅛ Oz.	Pkt.		⅛ Oz.	Pkt.
Scarlet	**$0.40**	**$0.15**	**Pink**	**$0.40**	**$0.15**
White	**.40**	**.15**	**Mixed**	**.30**	**.15**

CELOSIA (Coxcomb) (Annual)

Beautiful plumes of brilliant colors. Fine for vases, and of splendid foliage. Seed may be sown outdoors as early in spring as ground is warm.

Flame of Fire (Pyramidalis). They grow 18 to 20 inches high in perfect pyramidal form. They are very branching and each branch has a proportionally sized comb on the terminal. **Pkt., 15c.**

Thompson's Magnifica. All colors mixed. 2 feet. **Pkt., 10c; ¼ oz., 30c.**

CELOSIA, DWARF COXCOMB
1 to 1½ feet.

Glasgow Prize. The best dwarf crimson sort, with handsome dark foliage. Combs very large and solid. **Pkt., 10c; ⅛ oz., 30c.**

Dwarf Mixed. Pkt., 10c; ¼ oz., 35c.

Celosia Childsi. See Woolflower on Page 23.

CENTAUREA (Annual)
(Cornflower, or Bachelor's Button)

Sow in open ground in fall or early spring. Cover seed about one-fourth inch deep; thin to 6 or 8 inches apart. Fine for cut flowers, bedding or borders. 3 feet.

	Pkt.	½ Oz.		Pkt.	½ Oz.
Double White	**.10c**	**20c**	**Double Rose**	**.10c**	**20c**
Double Blue	**.10c**	**20c**	**Double Mixed**	**5c**	**15c**

CENTAUREA JUBILEE GEM
(Dwarf Compact Plant)

Plant 10 to 15 inches tall. Blooms rich corn flower blue. **Pkt., 15c.**

Centaurea Cyanus

CENTAUREA—Continued.

IMPERIALIS (Royal Giant Sultans) (Annual)

This class produces large, very double, finely laciniated flowers of graceful form and delightfully fragrant. They are very desirable for cut flowers and will often last for over a week when placed in water. Plants are from 2½ to 3 feet in height.

	Pkt.		Pkt.
Lavender	$0.10	Rose	$0.10
Purple	.10	Mixed, ½ oz., 35c	.10
White	.10		

VARIOUS CENTAUREAS

Americana. The plants grow 3 feet tall and produce during July and August blooms composed of many delicate petals of a bright lilac-blue shade. Plant in a sunny spot which is well drained. **Pkt., 10c; ½ oz., 35c.**

Montana (Hardy Cornflower). Violet-blue; 18 inches. May and June. **Pkt., 10c; ½ oz., 35c.**

CENTAUREA, ORNAMENTAL LEAVED (Dusty Miller) (Half Hardy)

Candidissima. For edging beds where white foliage is desired. Finely cut leaves. **Pkt., 10c; ¼ oz., 50c.**

Gymnocarpa. Leaves not so white as the above. **Pkt., 10c; ½ oz., 35c.**

CERASTIUM (Snow-in-Summer) (Perennial)

Tomentosum. Dwarf plant for edgings and rockeries; silvery foliage and white flowers. 6 inches. May and June. **Pkt., 15c; ¼ oz., 35c.**

CHELONE (Perennial)

Barbata Hybrids. Grows about 3 feet high, with flowers varying from pink to cherry-red. Useful for border and cutting. June-July. **Pkt., 10c.**

Cleome

CHEIRANTHUS (Biennial) (Siberian Wallflower)

Allioni. This unusual little plant deserves a place in your rock garden or low border. The upright spikes bear numerous flowers of a dazzling rich orange. Though a hardy biennial, it flowers the first season from seed when sown early. 1 foot. **Pkt., 10c; ½ oz., 35c.**

CHRYSANTHEMUM (Single Varieties)

Exquisitely colored daisy-like flowers with finely cut foliage. 1 to 1½ feet.

Single Mixed. Pkt., 10c; ½ oz., 35c.

Cheiranthus

CHRYSANTHEMUMS (Annual)

There are many people who do not realize how easily Chrysanthemums may be grown from seed.

Carinatum. Double mixed. Owing to its magnificent golden yellow, white and red shades, it is fast becoming a florist's favorite; 20 inches. **Pkt., 10c; ½ oz., 35c.**

Double Early Flowering. Mixed. A perennial variety, which can also be treated as an annual, blooming the first year from seed if sown early. 1½ to 2 feet. **Pkt., 25c.**

CINERARIA (Tender Perennial)

Magnificent flowering plants for the conservatory or window garden. Various colors.

Giant Prize. Semi-dwarf. Extra, 1 ft. **Pkt., 20c.**

Multiflora nana, Potsdam. This is an extra fine dwarf select mixed variety, nothing better; 10 inches. **Pkt., 25c.**

CLARKIA ELEGANS (Annual)

A pretty and easily grown annual; they do well either in sun or shade, growing 2 to 2½ feet high, with leafy racemes of double flowers.

	½ oz.	Pkt.
Double Mixed	$0.35	$0.10

CLEOME (Giant Spider Plant) (Annual)

Large spikes of rosy carmine flowers. Large bushy plants; 3 to 4 feet high. Fine for background.

Gigantea. The finest strain. **Pkt., 10c; ½ oz., 35c.**

CLIMBERS (Rapid Mixture) (Annual)

A mixture of beautiful coloring and markings beyond description. **Mixed climbers. Pkt., 10c; oz., 25c; ¼ lb., 75c.**

CLEMATIS (Perennial)

Paniculata (Vine). 15 feet. Fall-flowering with white flowers. Hardy. **Pkt., 10c; ½ oz., 35c.**

COREOPSIS (Perennial)

Lanceolata grandiflora. One of the finest hardy garden plants grown. 2 to 3 feet high. Cut flower—yellow. June, July. **Pkt., 10c; ½ oz., 25c.**

Lanceolata grandiflora fl. pl. (Double Flowering Coreopsis.) Similar in habit to the above flowers; yellow. **Pkt., 15c; ¼ oz., 25c.**

Mayfield Giant. It produces a taller and more vigorous plant than the ordinary type, with longer and firmer stems and larger individual blooms; yellow. **Pkt., 10c; ¼ oz., 30c.**

Cosmos Orange Flare

COBAEA (Cup and Saucer Vine) (Annual)

A rapid growing climber with handsome dark green foliage, bearing on graceful stems, large bell-shaped flowers, green at first but rapidly changing to a beautiful deep violet-blue. 20 feet.

Scandens, Blue. Large, bell-shaped flowers. **Pkt., 10c; ¼ oz., 25c.**

COLEUS (Tender Perennial)

These are magnificent ornamental foliage plants. The large rich velvety leaves are of many shades and superb combinations of green, red and yellow. 1 to 3 feet.

Rainbow Mixture. Popular bedding plants; easily grown from seed if kept in a warm temperature. **Pkt., 15c; ⅛ oz., 75c.**

Cosmos (Annual)

This beautiful annual is one of the most showy and useful of our garden plants. Plants grow from 4 to 6 feet in height, and are very bushy and compact. Excellent for cutting.

SENSATION MIXED

This variety comes exceptionally early and has the largest flowers of the Cosmos family. **Pkt., 15c; ¼ oz., 50c.**

EARLY EXPRESS

A new very early flowering Cosmos, which will produce flowers from seeds in forty-five days. 3 feet.

	¼ Oz.	Pkt.
Early Express. Mixed	$0.35	$0.15

VIGORO
A PRODUCT OF SWIFT
A SQUARE MEAL FOR EVERYTHING YOU GROW

MAMMOTH EARLY COSMOS

The petals are broadly oval, forming a circular flower of perfect symmetry, having splendid substance and lasting qualities. 4 feet.

	½ Oz.	Pkt.		½ Oz.	Pkt.
Crimson	$0.25	$0.10	**Pink**	$0.25	$0.10
White	.25	.10	**Mixed**	.25	.10

GIANT FLOWERING (Late)

The perfect shape of the flowers, and the long lasting quality of this variety readily makes it a garden flower of great merit. 6 to 8 feet.

	½ Oz.	Pkt.
Crimson	$0.25	$0.10
Orange Flare (Early)	.50	.15
Giant Mixed, ¼ lb., $1.50	.25	.10
Lady Lenox, Pink	.25	.10
Lady Lenox, White	.25	.10

Hybrida, Finest Mixed. Our seed is all grown from special strain; 4 to 6 feet. **Pkt., 5c; oz., 35c.**

EXTRA EARLY DOUBLE CRESTED COSMOS

This beautiful Cosmos will bloom as early as the Mammoth Early Single variety. Plants grow from 3 to 5 feet tall. Our strain will give about 65% of double flowers.

	Pkt.		Pkt.
Pink	$0.15	**Crimson**	$0.15
White	.15	**Mixed, ¼ oz., 50c**	.15

COTTON (Annual)

Grown extensively for decorating purposes. Very showy and attractive. 3 feet. **Pkt., 10c; 1 oz., 15c.**

CRUCIANELLA (Perennial)

Stylosa. 6 inches. June. Tangled masses of elegant foliage, crowded heads of light red flowers. Fine for rockery. **Pkt., 10c.**

CUPHEA (Tender Perennial)

Platycentra. A very pretty border plant. Very showy for pots and bedding. Russet-orange. 1 foot. **Pkt., 15c.**

CYNOGLOSSUM (Annual)
(Chinese Forget-me-not)

Amabile. Forming strong plants 18 to 24 inches high and producing through the summer months sprays of intense blue Forget-me-not-like flowers, delicately sweet scented. Excellent for border and cutting. **Pkt., 10c; ½ oz., 25c.**

CYPERUS (Umbrella Plant)
(Tender Perennial)

Alternifolius. An excellent plant for growing in water and damp places, makes a very ornamental house plant, always presenting a green and attractive appearance. 2 feet. **Pkt., 15c.**

CYPRESS VINE (Annual)

One of the most popular vines, with very delilate fern-like foliage, and masses of beautiful, small, star-shaped flowers. Sow in May. 15 feet.

	Oz.	Pkt.
Scarlet	$0.20	$0.05
White	.20	.05
Mixed	.15	.05

DAHLIA (Tender Perennial)

Dahlias will bloom the first year from seed sown indoors in February or March. Transplant seedlings to open ground after danger of frost is over. From then on they are handled the same as those grown from roots. 1½ to 5 feet.

			Pkt.
Double Mixed	¼ oz.,	$0.60	$0.10
Single Mixed	½ oz.,	.40	.10
Cactus Mixed	¼ oz.,	.85	.15

ST. LOUIS SEED CO.'S DWARF HYBRIDS.

Plants 1 to 2 feet. Growth compact, semi-double flowers produced in great profusion. Beautiful colors. Bloom first year from seed. **Pkt., 25c.**

DAISY (Perennial)

Shasta Daisy, Alaska. Perennial plants with large single white flowers with yellow centers. Seed may be sown in the open ground early in spring. 2½ feet. June. **Pkt., 10c; ¼ oz., 40c.**

Daisy, African Golden. See Dimorphotheca, page —.

DATURA (Annual)

Angel's "Trumpet." This variety is exceedingly fine, bearing great trumpet-like white and lilac flowers, 6 to 8 inches long; plants 3 feet high. Bedding. **Pkt., 10c; ½ oz., 30c.**

Golden Queen. Bright yellow flowers. 3 feet. **Pkt., 10c; ½ oz., 30c.**

Delphinium

(Perennial) (Larkspur)

One of the finest hardy perennials. Very effective in beds or borders.

Blackmore Langdon Hybrids. This English strain is one of the finest developments in the Delphinium family. The flowers are enormous, produced on solid, erect spikes of great height and rigidity. The colors lie in delicate shades of blue and mauve. **Pkt., 25c; ⅛ oz., 75c.**

Belladonna Improved-Cliveden Beauty. An improved strain of the popular Belladonna with larger and brighter blue flowers. **Pkt., 15c; ⅛ oz., 35c.**

Bellamosum Improved. A strain of Bellamosum with longer spikes and larger blooms. **Pkt., 15c; ⅛ oz., 35c; oz., $2.50.**

English Wrexham Hollyhock Strain. Graceful spire shaped spikes of enormous size and beauty. This mixture contains all the colors in Delphiniums, including both double and single flowers. **Pkt., 25c; ⅛ oz., 75c.**

Iceberg. This is the first white perennial Delphinium which comes true from seed. **Pkt., 25c.**

St. L. S. Co.'s Large Flowering Hybrids. Florets of immense size and handsomely formed spikes. The colors range from palest sky blue to purple. **Pkt., 15c; ⅛ oz., 40c.**

Chinese Blue. A lovely azure blue Delphinium flowering from the seed the first season if the seed is sown in early spring. 18 inches. Excellent for rock garden. **Pkt., 10c; ¼ oz., 30c.**

Chinese Mixed. A very pleasing mixture containing dark blue, light blue and white. **Pkt., 10c; ¼ oz., 30c.**

DIANTHUS OR PINKS (Annual)

The family of Pinks is unrivaled for brilliancy and rich variety of color; the plants are of symmetrical form—blooming perfectly until fall. Useful for bedding, edging and cutting.

Sweet Wivelsfield. This annual is a hybrid, being a cross between Dianthus Allwoodi and the Sweet William; seed started indoors in January and planted out in April will commence to flower in May. 10 inches. **Pkt., 15c; ⅛ oz., 30c.**

Fireball. Double scarlet. **Pkt., 10c; ½ oz., 35c.**

Snowball. Double white. **Pkt., 10c; ½ oz., 35c.**

Laciniatus, Double Mixed. Large double flowers, edges fringed. **Pkt., 10c; ½ oz., 35c.**

Mme. Butterfly. Elongated and lanciniated petals. Color pink, light rose and white. **Pkt., 15c.**

Chinese Double Mixed (China or Indian Pink). Blooms in clusters, flowers very double and bloom in a large range of bright colors. **Pkt., 5c; ½ oz., 25c.**

DIANTHUS, SINGLE ANNUAL

These single sorts contain beautiful varieties, flowers often measuring 2 inches in diameter.

Nobilis, Single Mixed. A beautiful fringed sort. **Pkt., 10c; ½ oz., 35c.**

DIANTHUS (Perennial)

Latifolius Double Scarlet. Color deep crimson semi-double flowers, borne on stout stems. 15 inches. **Pkt., 10c.**

HARDY GARDEN PINKS (Perennial)

Large Flowering Grass or Spice Pinks. These varieties are well adapted for beds and borders.

Plumarius, Cyclops. Single perpetual, various colors with blood red eye. **Pkt., 10c; ¼ oz., 25c.**

Plumarius, Single Mixed (Pheasant's Eye). **Pkt., 5c; ½ oz., 25c.**

Plumarius, Double Mixed. Pkt., 10c; ¼ oz., 35c.

Allwoodi (Perpetual-flowering Hardy Pinks). They flower continuously from spring until autumn. Double and semi-double. 4 to 6 inches. Mixed colors. **Pkt., 20c.**

Caesius grandiflora (Cheddar Pink). A splendid rock plant, forming dense tufts of sweet scented bright rosy pink flowers in May and June. 4 inches. **Pkt., 15c; ¼ oz., 50c.**

Deltoides (Maiden Pink). Dwarf carmine-rose. 6 inches. **Pkt., 15c.**

Delphinium

Didiscus

DICTAMNUS (Gas Plant) (Perennial)

The seed should be sown as soon as they are ripe in the fall. If seed is sown in the spring, pour boiling water over them first or they will not germinate easily.

A very showy hardy border plant, forming a bush about 2½ feet in height, having fragrant foliage and spikes of curious flowers during June and July. Mixed. **Pkt., 15c.**

DIDISCUS (Annual)

Coeruleus (Blue Lace Flower). 1½ feet. Blooming from July until frost; color, pale lavender; excellent for cutting. **Pkt., 10c; ¼ oz., 25c.**

DIGITALIS (Foxglove) (Perennial)

Handsome and highly ornamental hardy plants of stately growth. Flowers during June and July. 3 to 5 feet. Giant. Mixed. **Pkt., 10c; ½ oz., 35c.**

DIMORPHOTHECA (Annual) (African Golden Daisy)

One of the most attractive garden annuals. Plants dwarf with daisy-like blooms on long stems.

	¼ Oz.	Pkt.
Golden West	$0.30	$0.10
Improved Orange	.30	.10
Salmon Beauty	.30	.10
Mixed	.30	.10

Ringens (Veldt Daisy). White, blue center. **Pkt., 10c.**

DOLICHOS (Hyacinth Bean) (Annual)

A rapid growing climber, flowering freely. Sow the seed in the garden in beds where they are to remain. 10 feet.

White. Pkt., 5c; oz., 15c.
Purple. Pkt., 5c; oz., 15c.
Mixed Colors. Pkt., 5c; oz., 15c.

Lignosus (Australian Pea Vine). A rapid growing, evergreen climber. Rose pea-shaped flowers. **Pkt., 10c; ½ oz., 40c.**

DRACAENA (Dragon Plant) (Tender Perennial)

Indivisa. Beautiful ornamental-leaved plants; long, narrow green foliage; indispensable for vase and house decorations. 2 feet. **Pkt., 10c; ½ oz., 30c.**

ECHINOPS (Globe Thistle) (Perennial)

Ritro. Striking hardy plants, with handsome silvery thistle-like foliage and fine steel-blue flowers in round heads, which can be used for cutting. 2 to 3 feet. July. **Pkt., 10c; ¼ oz., 25c.**

ERYSIMUM (Annual)

Perofskianum. This border plant is one of the sweetest scented annuals in cultivation. It is a beautiful orange yellow. 1½ feet. **Pkt., 10c; ½ oz., 25c.**

ESCHSCHOLTZIA (California Poppies) (Annual)

Beautiful plants being of the easiest culture and giving great satisfaction. From spring-sown seeds they flower profusely until late in the autumn, making them valuable bedding plants. 1 foot.

	Pkt.	½ Oz.
California. Bright yellow	$0.10	$0.25
Carmine King. Carmine-rose	.10	.25
Purple Glow	.10	.25

Ramona. A frilled form of the beautiful California Poppy. Color coppery orange. **Pkt., 10c; ¼ oz., 50c.**

Mixed. Pkt., 5c; ½ oz., 20c.

EUPHORBIA (Poinsettia) (Annual)

Variegata (Snow-on-the-Mountain). Green foliage, veined and margined white. 2 to 4 feet. **Pkt., 10c; ½ oz., 25c.**

Heterophylla (Mexican Fire Plant or Fire-on-the-Mountain). Resembling the beautiful hothouse poinsettia in habit and color. About 3 feet. **Pkt., 10c; ½ oz., 35c.**

EVERLASTING OR STRAWFLOWERS (Annual)

These should be grown in every garden, not only for summer blooming, but also as dried cut flowers for winter decoration. Mixed colors. **Pkt., 10c; ½ oz., 25c.**

FERN SPORES

	Pkt.
Fine Mixed. Greenhouse species	$0.20
Hardy. Species for outdoors	.20

FEVERFEW (Matricaria)

They are perennials, but may be treated as annuals.

An old garden favorite. Elegant for bedding and cutting. June to August.

Double White. About 2 feet. **Pkt., 10c; ½ oz., 35c.**
Golden Ball. Yellow. 8 inches. **Pkt., 10c; ¼ oz., 50c.**

FOUR O'CLOCKS (Marvel of Peru) (Annual)

This is another good old-fashioned flower of bushy habit, bearing hundreds of flowers during the season, of white, yellow, crimson and violet. Suitable for background border. 3 feet. Mixed. **Pkt., 5c; oz., 15c; ¼ lb., 45c.**

FUCHSIA (Eardrops) (Tender Perennial)

Finest Mixed. A pot plant. 1 to 4 feet. **Pkt., 25c.**

Eschscholtzia

FORGET-ME-NOT (Myosotis) (Perennial)

Beautiful half hardy perennials, succeeding best in moist shady situations. Sown in the spring they will flower in the fall. If wanted for early spring flowering, seed should be sown in frames in July and August.

Palustris semperflorens. An everblooming variety beginning in May and June. An excellent variety for rock garden. Large, clear blue, 8 inches. **Pkt., 15c; ⅛ oz., 35c.**

Indigo Blue. Indigo-blue flowers produced on long sprays which are excellent for cutting, 9 inches. **Pkt., 10c; ¼ oz., 35c.**

Victoria Rose. Dwarf. 8 inches. **Pkt., 15c; ⅛ oz., 35c.**

Victoria Blue Dwarf. Bright azure blue. Very early. 8 inches. **Pkt., 15c; ⅛ oz., 35c.**

Mixed. Pkt., 10c; ¼ oz., 35c.

GAILLARDIA (Annual) (Blanket Flower)

Splendid showy annuals, remarkable for the profusion and brilliancy of their flowers, continuing in bloom from early summer till November; excellent for beds, borders, or for cutting. 1½ ft.

Double Mixed.....Pkt., 5c; ½ oz., 25c
Single Mixed.....Pkt., 5c; ½ oz., 25c

GAILLARDIA GRANDIFLORA (Perennial)

Showy garden plants for beds or borders, producing from early summer until fall, gaily colored single flowers. The flowers should be kept picked to insure a continuance of bloom. Hardy perennial but blooms the first year from early sown seed. 2 to 2½ feet.

Burgundy. The shining wine-red blooms about 2½ inches in diameter are produced liberally on long stems by the bushy plants. 2½ feet high. **Pkt., 10c; ⅛ oz., 30c.**

Portola Hybrids. Bronzy red with golden-tipped petals. **Pkt., 15c; ¼ oz., 50c.**

Dazzler. Large, dull red flowers. **Pkt., 10c; ⅛ oz., 25c.**

Compacta Mixed. Pkt., 10c; ½ oz., 40c.

GERANIUMS (Tender Perennial)

These grow readily and produce blooming plants the first summer, if the seed is sown indoors early in the spring. 1 to 1½ feet.

Zonale. Mixed. **Pkt., 10c; ¼ oz., 40c.**

Apple Scented. Highly esteemed on account of its fern-like fragrant foliage. 1 foot. **Pkt., 15c.**

GERBERA (Transvaal Daisy) (Tender Perennial)

Jamesoni Hybrids. Splendid greenhouse perennials with large daisy-like flowers; fine for pot plants or for cutting. These hybrids include many brilliant colors and shades. 2 feet. **Pkt., 25c.**

GEUM (Perennial)

Beautiful hardy plants, bearing a profusion of large, showy double flowers. May and June. Elegant cut flowers.

Lady Stratheden (Golden Ball). It is a counterpart of the popular scarlet variety Mrs. Bradshaw, only the blooms are a rich golden yellow. 1½ to 2 feet. **Pkt., 15c; ⅛ oz., 35c.**

Mrs. Bradshaw. Double. The orange-scarlet flowers are very large and full. Blooms the first year. 1½ to 2 feet. **Pkt., 15c; ⅛ oz., 30c.**

GILIA (Annual)

Capitata Blue. Attractive and graceful, with small round flower-heads borne profusely on plants 15 to 24 inches tall. The plants begin blooming in 10 to 12 weeks after sowing. **Pkt., 10c; ½ oz., 25c.**

Gaillardia

GLOXINIA (Tender Perennial)

Gloxinias are most charming greenhouse plants, of dwarf habit, many of which are magnificently spotted, mottled and blended. 1 foot.

Giant Hybrids. Mixed. **Pkt., 25c.**

GODETIA (Annual)

The flowers are of delicate colors. Thrives well in a shady situation. Excellent bedder. 1½ feet.

Mixed. Pkt., 10c; ½ oz., 25c.

GOMPHRENA (Annual)

Also called "Bachelor's Buttons"; showy, everlasting; flowers resemble clover heads and when dried are used for winter bouquets; fine for bedding. 1½ feet.

	½ Oz.	Pkt.
Pink	$0.30	$0.10
Purple	.30	.10
Mixed	.20	.05

GOURDS—ORNAMENTAL (Annual)

They attain the remarkable growth of from 10 to 20 feet in height and are grown extensively for household as well as ornamental purposes.

	Pkt.
Dipper	$0.05
Dishcloth. Sponge-like	.05
Hercules' Club. The longest of any	.05
Japanese Nest Egg. Resembles hen's eggs	.05
Pipe Calabash. Used in making pipes	.05
Sugar Trough. Very light, but durable	.05
Small Varieties. Mixed. 1 oz., 25c	.05

GOURDS (Small Varieties Mixed)

GRASSES—ORNAMENTAL

For large beds or groups on lawns used in many of the finest public parks, etc.

	Pkt.
Gynerium Argenteum (Pampas Grass). 6 feet. Perennial	$0.10
Eulalia Zebrina (Zebra Grass). Light green, barred with creamy white; hardy	.10
Pennisetum Rueppelianum. Purple fountain grass. 3 feet. Annual	.10
Pennisetum Longistylum. 2½ feet. Tender ornamental grass, valuable for border. Annual	.10
Stipa Pinnata (Feathered Grass). Hardy. 2 to 3 feet	.10
Mixed. ¼ oz., 25c	.10

GREVILLEA (Silk Oak) (Tender Perennial)

Robusta. A very beautiful and graceful decorative plant with fern-like foliage. 1 to 5 feet. **Pkt., 10c; ¼ oz., 30c.**

GYPSOPHILA (Annual)

Gypsophilas are valuable for bouquet-making. 1½ feet.

	Pkt.	Oz.
Paris Market. White	$0.10	$0.25
Rosea Elegans. Rose	.10	.25

GYPSOPHILA (Perennial)

Paniculata (Baby's Breath). Flowers single white. July. 3 feet. **Pkt., 10c; ½ oz., 25c.**

Paniculata, Fl. Pl. Double flowering Baby's Breath. 2½ feet. **Pkt., 15c; ⅛ oz., 50c.**

Repens Mixed (Dwarf Baby's Breath). Splendid in rockery. 6 inches. June. **Pkt., 10c.**

"Pacifica." Rose colored; begins to flower when the paniculata varieties have passed. Excellent for cutting. August. **Pkt., 15c.**

HELIANTHEMUM (Rock or Sun Rose) (Perennial)

Mixed. An excellent dwarf spreading perennial for dry soils. Flowers in rose, pink, and white, during May and June. 8 inches. **Pkt., 10c; ¼ oz., 35c.**

HELICHRYSUM (Strawflower) (Annual)

One of the best and most popular of the everlasting flowers. 2 to 2½ feet.

	Pkt.	½ Oz.
Canary Yellow	$0.10	$0.35
Fireball. Crimson	.10	.35
Salmon Pink	.10	.35
Silver Ball. White	.10	.35
Violet Queen	.10	.35
Golden Ball. Golden yellow	.10	.35
Carmine Rose	.10	.35
Mixed	.05	.25

HELIOPSIS (Perennial) (Orange Sunflower)

Lemoine Strain. A desirable hardy herbaceous plant, growing from 3 to 4 feet high, beginning to flower early in the season. The semi-double flowers are of a beautiful deep golden yellow color, about 2 inches in diameter, and very graceful for cutting. Blooms the first year from early sown seed. **Pkt., 15c.**

HELIOTROPE (Tender Perennial)

St. L. S. Co.'s Giant Mixed. Delightfully fragrant flowering plants, growing about 18 inches high; great favorites for pot culture and bedding. **Pkt., 10c; ¼ oz., 35c.**

Queen Margaret. Beautiful deep blue. 2 feet. **Pkt., 10c; ⅛ oz., 30c.**

HEUCHERA (Perennial)

Sanguinea splendens. The flowers are rich crimson. Blooms profusely from late May and June. Grows about 12 inches tall, and is excellent for cutting or rock work. **Pkt., 15c.**

HIBISCUS (Marshmallow) (Perennial)

Mallow Marvel. A greatly improved form: gigantic single flowers; many shades of red, pink, rose and white in mixture. Useful for background borders. July. 4 feet. **Pkt., 10c; ½ oz., 35c.**

HOLLYHOCKS (Perennial)

Sow seed in May, in open ground and in the autumn transplant to permanent position two or three feet apart. The following summer they will bloom.

Imperator. Giant Mixed. Petals elegantly frilled and deeply fringed, in the center of which appears a very double rosette about 2 inches across. **Pkt., 15c; ⅛ oz., 35c.**

Chater's Superb Double. An extra fine strain.

	Pkt.		Pkt.
Deep Rose	$0.10	**White**	$0.10
Salmon Pink	.10	**Crimson**	.10
Maroon	.10	**Yellow**	.10

Mixed, pkt., 10c; ¼ oz., 35c.

Newport Pink. It is the finest pure pink, double variety. **Pkt., 10c; ¼ oz., 35c.**

Single Mixed. Flowers mammoth in size. **Pkt., 10c; ½ oz., 25c.**

HOLLYHOCKS—ANNUAL EVER-BLOOMING

Sown early in spring they will bloom the first season.

Double Ever-blooming Mixed. Pkt., 10c; ½ oz., 40c.

Indian Spring. Blooms the same season from early spring sown seed. It has semi-double to double flowers in shades of pink. Plants grow from 4 to 5 feet tall with side shoots that continue to bloom after the main stem is cut away. **Pkt., 25c.**

Heliopsis

HONESTY (Moonwort) (Biennial)

Lunaria Biennis alba. Admired for its silvery seed pods which are used for ornamental purposes. May. 3 to 4 feet. **Pkt., 10c; ¼ oz., 30c.**

HOP (Annual)

Japanese Variegated. Rapid summer climber, in three or four weeks time attaining a height of 10 to 20 feet. **Pkt., 10c; ½ oz., 25c.**

HUNNEMANNIA (Annual)

Fumariaefolia. The plants grow into a shrubby bush 1½ feet high and produce large cup-shaped flowers. Bedding and cutting. July. Yellow. **Pkt., 10c; ½ oz., 35c.**

ICE PLANT (Annual)

Handsome and curious plant for hanging baskets, rock work, vases and edgings. 8 inches. Spreading. **Pkt., 10c; ½ oz., 35c.**

IMPATIENS SULTANA (Tender Perennial)

The Zanzibar, or Sultan's Balsam. Ideal for either pot or garden culture; a tender perennial that cannot be surpassed. Mixed. 1½ feet. **Pkt., 15c.**

INCARVILLEA (Perennial)

Hybrids. (Chinese Gloxinia.) Having beautiful tubular shaped flowers of carmine-rose, a fine plant for beds and borders. Although a perennial, it blooms the first season from spring-sown seed. 2 feet. June to October. **Mixed. Pkt., 15c.**

FLOWERING KALE

In their young stage the leaves look like ordinary kale, but in autumn beautiful colors begin to appear and as the plant grows colors become more brilliant. **Pkt., 15c.**

KOCHIA (Burning Bush) (Annual)

An easily grown foliage or hedge plant which makes a very rapid growth and presents an extremely symmetrical appearance. Called "Mexican Fire Plant." 2 to 3 feet. **Pkt., 5c; 1 oz., 25c.**

KUDZU VINE (Perennial)
Jack-and-the-Bean-Stalk

A twining vine of remarkably rapid growth, hardy foliage large and lobed; purple, pea-shaped flowers in clusters, borne late in the season. 40 to 50 feet. **Pkt., 10c; oz., 35c.**

LANTANA (Annual)

Hybrid (Dwarf Mixed). They will be found a great improvement upon the older sorts. 1 foot. All summer. **Pkt., 10c; ¼ oz., 25c.**

LARKSPUR (Annual)

Seed sown early in spring will produce blooming plants by July. Seed may be sown in fall.

GIANT IMPERIAL BRANCHING

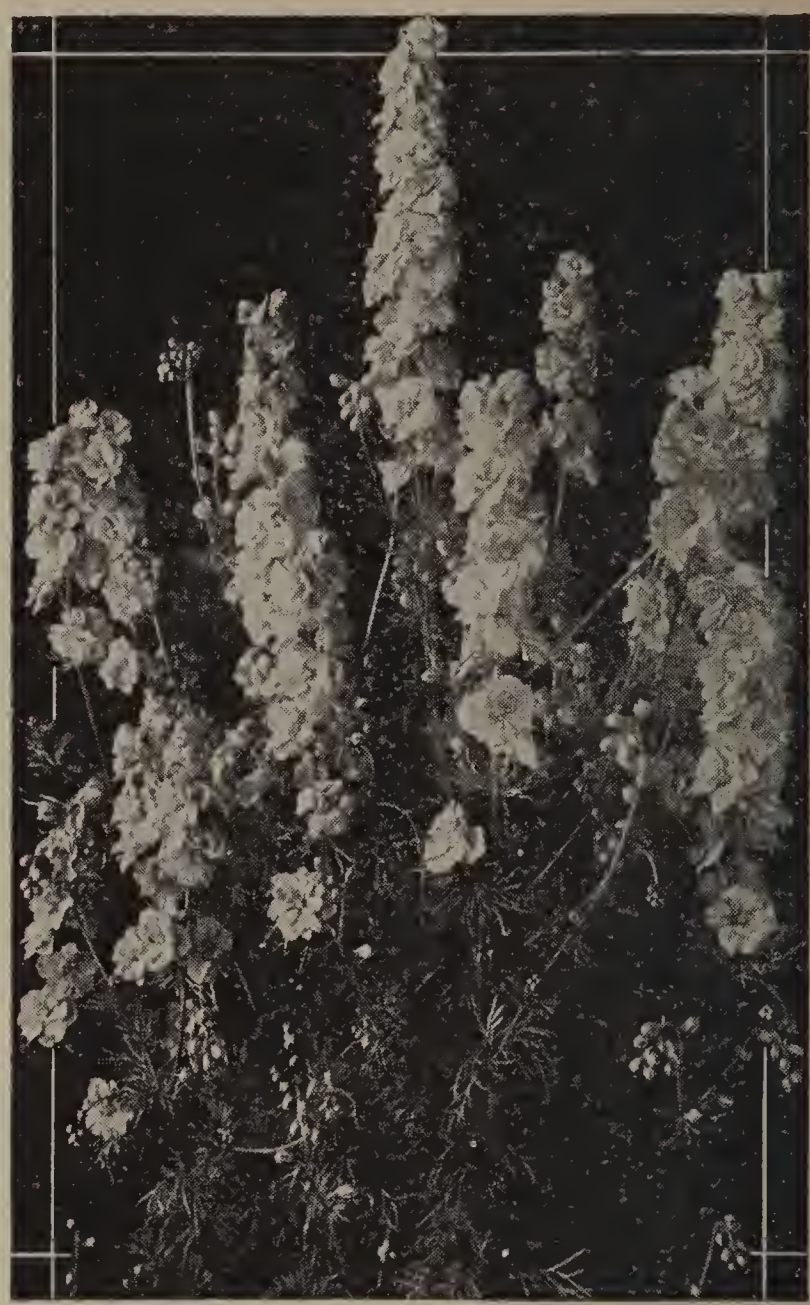
These Larkspurs are ideal for cut flowers as the flower stems, three to four feet long, branch from the base of the plant.

Blue Spire. Deep blue. **Pkt., 15c; ¼ oz., 35c.**
Carmine King. Deep carmine. **Pkt., 15c; ¼ oz., 35c.**
Exquisite Pink. Soft pink. **Pkt., 15c; ¼ oz., 35c.**
Exquisite Rose. Deep rose. **Pkt., 15c; ¼ oz., 35c.**
Lilac Spire. Beautiful lilac. **Pkt., 15c; ¼ oz., 35c.**
Miss California. Salmon pink. **Pkt., 15c; ¼ oz., 35c.**
White King. Pure white. **Pkt., 15c; ¼ oz., 35c.**
Giant Imperial Mixed. Pkt., 15c; ¼ oz., 35c; oz., $1.00.

DOUBLE STOCK FLOWERING TALL

A wonderful cut flower and should be planted generously.

	Pkt.		Pkt.
Dark Blue	$0.10	**White**	$0.10
Rose	.10	**Rosy Scarlet**	.10
Lustrous Carmine	.10	**La France Pink**	.10
Lilac	.10	**Sky Blue**	.10
Rosamond. Rose	.10	**Mixed.** ½ oz., 30c	.05



Larkspur

LARKSPUR—Continued

Emperor Dwarf Branching Double Stock Flowered. About 24 inches high. Produces an abundance of long, slender spikes in the most delicate colors. **Mixed. Pkt., 10c; ½ oz., 35c.**

GIANT HYACINTH FLOWERED

The flowers are large, very double and borne on spikes resembling a double Hyacinth. 3 feet. **Mixed Colors. Pkt., 10c; ½ oz., 35c.**

LAVATERA (Annual Mallow)

Rosea splendens. A very beautiful and showy annual growing about 2 feet high and covered during the entire summer with large shrimp-pink flowers. Excellent for border and cutting. **Pkt., 10c; ½ oz., 25c.**

LEPTOSIPHON (Annual)

A most attractive free-blooming border plant.

Hybridus. An easily grown annual, growing from 8 to 10 inches tall. It is suited for sunny places in borders. This mixture contains various shades of cream, yellow, orange, carmine, brown, lilac and purple. **Pkt., 10c; ½ oz., 35c.**

LIATRIS (Blazing Star) (Perennial)

Mixed. A showy border plant, with large spikes of rosy and violet-purple flowers. A fine cutting variety. 2 to 3 feet. July and August. **Pkt., 10c.**

LILY, REGAL (Perennial)
(Lilium Myriophyllum)

The flowers are white, slightly suffused with pink, with a beautiful shade of canary-yellow at the center, and extending part way up the trumpet. Blooms out-of-doors early in June, and seedling bulbs will flower the second year. 3 feet. **Pkt., 15c; ¼ oz., 35c.**

LINARIA (Perennial)

Cymbalaria (Kenilworth Ivy). A pretty perennial of trailing habit that can be treated as an annual. Sow the seed in hotbed in March. Flowers are bright lilac with a yellow throat. Very good for rock garden. July and September. 3 inches. **Pkt., 15c.**

LINUM

Scarlet Flax. One of the most effective and showy bedding plants of long duration, with brilliant scarlet-crimson flowers. Annual. 15 inches. **Pkt., 10c; ½ oz., 25c.**

Perenne. Perennial. A desirable plant for the hardy border or rockery; light graceful foliage and large blue flowers. May and June. 1½ feet. **Pkt., 10c; ½ oz., 30c.**

LOBELIA (Annual)

The annual Lobelias are plants of dwarf, compact growth, 4 to 6 inches in height, covered with numerous small flowers. Very pretty when grown as an edging, also for hanging baskets.

Crystal Palace Compacta. Large and deep blue flowers and bronzy foliage. 4 inches. **Pkt., 10c; ⅛ oz., 30c.**

Florists' Favorite Compacta. Brilliant dark blue with white eyes. Very dwarf. **Pkt., 10c; ⅛ oz., 30c.**

Sapphire. Trailing Lobelias. This variety is of remarkably strong growth. Flowers deep blue. **Pkt., 15c.**

Cardinalis. Rich crimson flowers on fine long stems 2 to 4 feet tall. July to September. Delights in moist soil. Perennial. **Pkt., 25c.**

LUPINUS HARTWEGI (Lupine) (Annual)

Free flowering, easily grown, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for mixed borders, beds and for cutting; prefers a little shade. 2 to 3 feet.

	1 Oz.	Pkt.		1 Oz.	Pkt.
Dark Blue	$0.35	$0.10	Roseus	$0.35	$0.10
White	.35	.10	Mixed	.25	.10
Sky Blue	.35	.10			

Texas Blue Bonnet. Pkt., 10c; ½ oz., 30c.

PERENNIAL VARIETIES

A beautiful perennial of easy culture, with graceful spikes of pea-shaped flowers; excellent for cutting. 2½ to 3 feet. May and June.

	½ Oz.	Pkt.		½ Oz.	Pkt.
Blue	$0.25	$0.10	Yellow	$0.25	$0.10
Rose	.25	.10	White	.25	.10
			Mixed	.25	.10

LYCHNIS (Burning Star) (Perennial)

Chalcedonica (Jerusalem Cross). 3 feet. June to August. Flowers which are of the most fiery red imaginable appear in clusters. **Pkt., 10c.**

MALOPE (Mallow-Wort) (Annual)

3 feet. Showy plants for large mixed flower and shrubbery borders. July and August.
Grandiflora Mixed. Pkt., 10c; ½ oz., 25c.

Marigold

Marigolds (Annual)

MARIGOLD, SIGNATA PUMILA

A dwarf Marigold, 6 to 8 inches high; and literally covered with small bright yellow flowers with a brown stripe down the center of each petal. Splendid for edging or rock gardens. **Pkt., 15c.**

AFRICAN MARIGOLD TALL DOUBLE

Guinea Gold. A type of Tagetes for cut flowers. Brilliant shade of orange flushed gold. 2 to 2½ feet. **Pkt., 10c; ½ oz., 40c.**

Lemon. All double. Tall plants bearing large double lemon yellow blooms. **Pkt., 15c.**

Orange. All double. Plants 3½ feet tall bearing deep orange double blooms. **Pkt., 15c.**

Lemon Queen. Tall growing plants bearing large, double flowers. Petals quilled. Color soft lemon yellow. 3 feet. **Pkt., 10c; ½ oz., 40c.**

Orange Prince. The same type of plant and flower as Lemon Queen, but color is rich, deep orange. 3 feet. **Pkt., 10c; ½ oz., 40c.**

Yellow Supreme. Plants are 24 to 30 inches tall, healthy, vigorous, and free branching. The flowers are about 3 inches in diameter, with broad, loose, frilled petals of rich, creamy yellow flowers. **Pkt., 10c; ¼ oz., 35c.**

Double Tall Mixed. A tall mixture well adapted for large beds. 3 to 4 feet. **Pkt., 5c; ½ oz., 35c.**

DWARF SINGLE FRENCH MARIGOLD

Legion of Honor (Little Brownie). A single flowering Marigold, forming compact bushes 9 inches high. Flowering early, commencing in June, continuing until frost. **Pkt., 5c; ½ oz., 25c.**

DWARF DOUBLE FRENCH MARIGOLDS

Few annuals are as effective as the French Marigolds; they all form dense bushes not over 10 inches high, and are unequalled for borders or beds.

Harmony. Color, golden yellow and reddish brown. In the garden or as a cut flower, the velvety beauty of Harmony always delights the eye. **Pkt., 15c; ¼ oz., 35c.**

Golden Ball. A splendid pure golden yellow. **Pkt., 10c; ½ oz., 35c.**

Monarch Strain Double Mixed. Pkt., 10c; ½ oz., 35c.

DWARF ROYAL SCOT

Flowers double, brown and gold, irregularly striped. 12 to 15 inches tall. Early continuous bloomer. **Pkt., 15c.**

MATTHIOLA (Annual)

Bicornis (Evening Scented Stock). A desirable border plant, delightfully fragrant during the evening; color, purplish lilac. 1 foot. July to September. **Pkt., 10c; ½ oz., 25c.**

MIGNONETTE (Reseda) (Annual)

A well known hardy annual producing dense cone-shaped flower-spikes, made up of thickly set florets. Thrives best in a cool temperature. July and August.

Defiance. Will throw flower stalks of a foot in length, delightful fragrance. **Pkt., 10c; ½ oz., 25c.**

Golden Machet. Distinct variety of Machet, with spikes of golden yellow blossoms. **Pkt., 10c; ½ oz., 25c.**

Red Goliath. The flower spikes are 6 to 8 inches long, 2½ inches in diameter. 1 foot. **Pkt., 10c; ¼ oz., 25c.**

Large Flowering. Mixed. **Pkt., 5c; 1 oz., 25c.**

Marvel of Peru. See Four O'clock on page 11.

MIMULUS (Annual)

Showy, profuse flowering plants; fine for moist, shady situations; fine for edging and rockery.

Moschatus (Musk Plant). Small yellow flowers, fragrant foliage. 6 inches. **Pkt., 10c.**

Tigrinus (Monkey Flower). Spotted; mixed. 8 inches. **Pkt., 10c.**

MINA LOBATA (Annual)

A valuable Mexican climber which flowers late in the season and is of luxuriant growth. The vine is clothed with large heart-shaped leaves deeply lobed and bears many handsome floral sprays in pairs. The buds are scarlet and as the blossoms expand they turn through brilliant orange to primrose. **Pkt., 10c.**

MORNING GLORIES (Annual)

Dark Red. Profuse bloomer, foliage good, flowers 2½ to 3 inches across. **Pkt., 10c; oz., 25c.**

Heavenly Blue (Early Flowering Rubro Coerulea). The flowers measure from 2½ to 3 inches across, sky-blue with a white throat. They are profuse bloomers and during a long season the vines are a mass of baby-blue blossoms. Sow seeds where they are to remain. **Pkt., 10c; ½ oz., 35c.**

Imperial Japanese Mixed. The flowers attain a large size and appear in a wide range of radiant colors. **Pkt., 10c; oz., 25c.**

Setosa (Brazilian Morning Glory). The flowers are of beautiful rose. **Pkt., 10c; oz., 30c.**

St. L. S. Co.'s New Japanese Giant. The flowers of this variety are of largest size; very odd shades. **Pkt., 15c; ½ oz., 30c.**

Fine Mixed. Pkt., 5c; oz., 15c; ¼ lb., 45c.

MOONFLOWER (Ipomoea) (Annual)

White, Large Flowering. One of the most vigorous summer climbers and will grow under favorable conditions 30 to 40 feet and be covered evenings and cloudy days with very large, white trumpet-shaped flowers. Seed should be cut with a sharp knife, care being taken not to cut any deeper than the hard shell. August to October. **Pkt., 10c; oz., 35c.**

Blue. Pkt., 10c; oz., 35c.

Giant Pink. Soft lilac-pink. **Pkt., 10c; oz., 35c.**

Morning Glory (Heavenly Blue)

Nasturtiums (Annual)

DOUBLE NASTURTIUM

Golden Gleam. This variety has received great merit wherever grown and where flowers have been placed for exhibition. 2 feet high. **Pkt., 10c; oz., 15c; ¼ lb., 40c.**

Scarlet Gleam. Pkt., 10c; oz., 15c; ¼ lb., 40c.

Gleam Hybrids. Pkt., 10c; oz., 15c; ¼ lb., 40c.

SHAW'S GARDEN HYBRIDS

The prettiest strain of Dwarf Nasturtiums. There's really no comparison in the beauty and color of the flowers. **Mixed. Pkt., 10c; oz., 15c; ¼ lb., 40c; 1 lb., $1.35.**

HYBRIDS OF MME. GUNTHER

Climbing about six feet and covered from spring to fall with large substantial flowers of the most brilliant shades. **Mixed. Pkt., 10c; oz., 15c; ¼ lb., 40c; 1 lb., $1.35.**

NEMESIA (Annual)

Compact, low growing plants producing an abundance of bright colored flowers of distinctive shape and range in color from white through pale yellow and rose to orange and crimson. Excellent for bedding. 8 inches. **Dwarf Mixed. Pkt., 15c; ¼ oz., 40c.**

NEMOPHILA (Annual)

Free flowering, of very neat compact habit. Flowers are cup-shaped, appearing in many brilliant colors, the blue shades being particularly striking. For shady border. 6 inches. June and July. **Mixed. Pkt., 10c; oz., 30c.**

NIEREMBERGIA (Annual)

Frutescens. Flowers white, shading to and veined lavender, an exceedingly graceful plant for hanging baskets and rockwork. All summer. 1 foot. **Pkt., 10c.**

Hippomanica. This is one of those rare blue flowering plants which thrives in extreme heat. Requires no special care. A neat compact plant that blooms continuously throughout the summer. **Pkt., 25c.**

NICOTIANA (Annual)
Ornamental Tobacco

Affinis. An annual with sweet-scented, pure white star-shaped flowers. Border and cutting. 2½ ft. **Pkt., 10c; ½ oz., 25c.**

Sanderae. The entire bush is covered with large brilliant carmine-red flowers. 2½ feet. **Pkt., 10c; ½ oz., 35c.**

OENOTHERA (Evening Primrose)

Lamarckiana. They grow in branching form two feet in height and produce single poppy-like flowers of yellow color. Excellent for bedding and border. June to September. Annual. **Pkt., 10c; ½ oz., 25c.**

Oenothera Speciosa Rosea (Perennial). Flowers 3 inches across in great quantities; flowers open white, changing to rose-pink. **Pkt., 10c.**

NIGELLA (Love-in-a-Mist)
(Annual)

Lovely garden annuals, with finely cut green foliage, and curious looking flowers and seed pods. Splendid for beds and cutting. July and August.

Double Blue, Miss Jekyll. A lovely variety, with cornflower-blue blossoms. 18 inches. **Pkt., 10c; oz., 25c.**

Double Mixed. Compact, free-flowering plants. Blue and white shades; 18 inches. **Pkt., 10c; oz., 25c.**

St. Louis Seed Co.'s Giant Pansies

(Tender Perennial)

Culture: Seed may be sown indoors very early in spring, or a little later in the open ground, transplanted when an inch high. Such plants will commence to bloom in June. If sown in July, the plants will bloom in the fall, or if sown in September, the following spring. Well pulverized soil should be used and the seeds covered one-eighth to one-fourth inch deep with fine soil firmly pressed down. The largest and best flowers are produced by young plants which have been grown rather slowly in a partially shaded situation, and in very rich soil; coolness and moisture are necessary. A situation sheltered from high winds and exposed to the morning sun is most favorable and frequent sprinklings are advantageous.

Giant Pansy

PANSY

Steele's Jumbo Mixed. These are the largest flowered of all pansies. This splendid mixture contains all colors. **Pkt., 50c.**

Swiss 400 Mixed. A grand mixture. Huge jewels of velvet red and gold, with variations of those colors. **Pkt., 35c.**

Steele's Miracle Mixed. A superior mixture containing the finest types. **Pkt., 25c; ⅛ oz., $1.25.**

Masterpiece. This grand Giant Pansy is remarkable in having the borders of the petals waved or frilled which gives the flower an almost double appearance. **Pkt., 15c; 1/16 oz., 35c.**

St. L. S. Co.'s "Nonpareil" Mixture. The flowers are of a large size and the plants grow taller than other mixtures. **Pkt., 20c; 1/16 oz., 40c.**

Imperial Giant Mixed. They embrace all the solid or self-colors delicately shaded, of various colors, dark and light marbled with clear, distinct eyes. **Pkt., 15c; 1/16 oz., 35c.**

Fine Mixed. The flowers of this splendid mixture are of good size, very fine form and colors. **Pkt., 5c; ½ oz., 35c.**

Trimardeau Giant Mixed. Extra large flowers. Most of the flowers have three large blotches or spots. **Pkt., 10c; ¼ oz., 40c.**

Pansy Plants Ready April 1st. Price 12 plants, 60c (By Express Only).

TUFTED PANSIES, OR VIOLA CORNUTA
(Perennial)

Few plants are of more general usefulness in the garden or possess more good qualities than the Viola Cornuta.

	¼ oz.	Pkt.		¼ oz.	Pkt.
Light Blue	$0.35	$0.10	Yellow	$0.35	$0.10
Dark Blue	.35	.10	Mixed	.35	.10

PENTSTEMON GLOXINIAFLORA (Beard Tongue)
(Perennial)

Beautiful plant for the hardy border. The large Gloxinia shaped blossoms vary from pure white, pink, rose and crimson to mauve and purple. Height, 2½ feet. June and July. Mixed. **Pkt., 15c.**

St. Louis Seed Co.'s Selected Petunias

Culture: Plant the seed, which is exceedingly fine, in a warm, open, sunny place. Seeds may be sown directly in the open ground or for early results the plants may be started in cold frame, hot-bed or in pots indoors, in a temperature averaging 60 to 70 degrees. Water with a fine spray and do not permit the seedlings to dry out.

PETUNIAS, DWARF OR BEDDING

These plants only grow about 12 inches high and while branching freely from the base they nevertheless remain quite compact.

Rose Gem (Nana Compacta). A new miniature Petunia of compact growth, about 6 inches high with rose-pink flowers. **Pkt., 15c.**

Lace Veil. Dwarf white fringed. Fine for beds, borders and window boxes. The finely fringed, waved edges give the impression of white lace. 1 foot. **Pkt., 25c.**

Cockatoo. The flowers are a velvety violet-purple with irregular sized white spots. **Pkt., 10c.**

Dwarf Giants of California. Extra large flowers, which are fringed; the colorings, markings, veinings, blotches, etc., are superb. **Pkt., 35c.**

Fringed Red (Gottfried Michaelis). The compact bushes grow about 12 inches high, covered with red fringed flowers. **Pkt., 25c.**

Heavenly Blue. Light or silvery blue. **Pkt., 10c; ⅛ oz., 35c.**

Crimson. A beautiful deep red. Of compact growth. **Pkt., 10c; ⅛ oz., 35c.**

Red Bedder. A dwarf compact plant. Free-flowering throughout the season. Color, bright blood red. **Pkt., 25c.**

Rosy Morn. Compact in habit, producing throughout the summer an abundance of clear rosy pink flowers. **Pkt., 10c; ⅛ oz., 35c.**

Rose of Heaven. Color rich brilliant rose, darker than Rosy Morn. **Pkt., 10c; ⅛ oz., 35c.**

Salmon Supreme. Color, light salmon with white throat. Flowers 1½ inches across on 12-inch bushy plants. A heavy bloomer over long season. **Pkt., 35c.**

Setting Sun (Fringed Brilliant Rose). Forms compact bushes 12 inches high, covered with beautifully fringed blossoms of a brilliant rose pink measuring 3 inches across. **Pkt., 25c.**

Snow Queen. A fine compact sort, producing pure satiny white flowers. **Pkt., 10c; ⅛ oz., 35c.**

Striped and Blotched. Includes striped or blotched flowers in a wide range of brilliant colors. A fine bedder. **Pkt., 10c; ¼ oz., 40c.**

Topaz. Color, light cerese or topaz. Continuous bloomer and holds color well in sun. **Pkt., 15c.**

Violet. A fine companion to Rosy Morn, same habit. Color violet-blue. **Pkt., 10c; ⅛ oz., 35c.**

Dwarf Mixed. Plants compact growing. A choice mixture of many shades and colors. Very desirable for beds. **Pkt., 10c; ¼ oz., 40c.**

DOUBLE PETUNIAS

Double Flowering Fringed Mixed. A rich assortment of the finest double strains. The finely formed, fully double blooms are beautifully ruffled and fringed. **Pkt., 35c.**

GIANT FRINGED AND RUFFLED

Ruffled Giants. Flowers of extraordinary size and substance, and distinguished from the large flowering fringed section by the deep fluting. **Pkt., 25c.**

Martha Washington. Blush pink deepening to dark violet throat, dwarf, compact, free-flowering. **Pkt., 25c.**

GIANT PORTLAND PETUNIAS

Pink Triumph. The best bright pink. **Pkt., 15c.**

Elk's Pride. Large; deep royal purple. **Pkt., 15c.**

Romany Lass. Color shading from cherry-red to deep maroon. **Pkt., 15c.**

White Beauty. Giant flowering white. **Pkt., 15c.**

Mixed Colors. Pkt., 15c.

BALCONY PETUNIAS

For Window Boxes and Bedding

A fine large and free-flowering type of single Petunias, especially suited for window boxes, vases, and hanging baskets.

	Pkt.		Pkt.
Balcony Blue	**$0.15**	**Balcony Crimson**	**$0.15**
Balcony Rose	**.15**	**Balcony Mixed**	**.15**

HALF DWARF PETUNIAS

All of the following are wonderfully effective in beds and borders. 18 inches high.

General Dodds. Blood-red; one of the best red Petunias; free blooming. **Pkt., 10c; ⅛ oz., 35c.**

Howard's Star. Color crimson-maroon with a clearly defined five-point star of bluish white. **Pkt., 10c; ⅛ oz., 35c.**

Extra Choice Mixed. Made up from named large-flowering sorts. **Pkt., 10c; ¼ oz., 40c.**

Fine Mixed. Pkt., 5c; ½ oz., 40c.

Petunia Ruffled Giant

Shirley Poppies

PHLOX DRUMMONDI (Annual)

It occupies a first place as a garden annual.

Seed is usually sown very early in spring outdoors in rows one foot apart. A sunny situation is desirable. Well pulverized soil, preferably rich and mellow, should be used, and the seed which germinates rather slowly covered with about one-fourth inch of fine soil firmly pressed down. Thin to six inches apart; one foot high.

		Pkt.	¼ Oz.
Large Flowering.	White	$0.10	$0.35
Large Flowering.	Shell-pink	.10	.35
Large Flowering.	Deep rose	.10	.35
Large Flowering.	Dark purple	.10	.35
Large Flowering.	Fiery red	.10	.35
Large Flowering.	Violet	.10	.35
Large Flowering.	Mixed	.10	.35

PHLOX (Dwarf)

The plants grow very symmetrical, covered with flowers during the whole summer and fall. 6 inches.

		Pkt.	⅛ Oz.
Fireball.	A fine scarlet	$0.10	$0.30
Pink		.10	.30
Snowball.	Pure white	.10	.30
Dwarf Mixed.	All colors	.10	.30

Gigantea Art Shades. A new, very large flowering Phlox containing many lovely pastel shades. **Pkt., 15c; ¼ oz., 50c.**

Starred and Fringed Mixed. Very odd and pretty effect. **Pkt., 10c; ¼ oz., 35c.**

Fine Mixed. Bright, showy flowers. Good for cutting. 1 foot. **Pkt., 5c; ½ oz. 40c.**

PHLOX (Perennial)

Decussata. 2 to 3 feet. July-September. Perennial varieties mixed from a celebrated collection. Seed slow and erratic in germinating; the seedlings may not appear for a year. **Pkt., 15c; ¼ oz., 50c.**

PHYSALIS (Perennial)

Francheti (Chinese Lantern Plant). 1½ feet. Flowers yellow with dark center. Produces balloon-like husks the second year from seed, which turn bright red when ripe and resemble Chinese lanterns. Useful in winter bouquets. August and September. **Pkt., 10c; ¼ oz. 30c.**

PLATYCODON (Wahlenbergia) (Perennial)

Bearing large, broad, bell-shaped blue flowers; very handsome for border or among shrubbery. June to September.

Grandiflora. Blue. **Pkt., 10c; ⅛ oz., 30c.**

POLEMONIUM (Jacob's Ladder) (Perennial)

Coeruleum. Popular border plant, with bell-shaped bluish-purple flowers. 1 to 2 feet. April to June. **Pkt., 10c; ¼ oz., 30c.**

POPPIES (Annual)

As early in spring as ground can be worked sow the seed, which is quite small, where the flowers are to bloom, as the annual varieties do not bear transplanting. Make rows 15 inches apart and cover seed lightly. When 2 inches high, thin from 6 inches to 1 foot.

American Legion or Flanders. Poppy dazzling orange-scarlet. 2 feet. **Pkt., 10c; ½ oz., 25c.**

Shirley Mixed. Color, pure white to rose-pink, carmine and deepest crimson. 20 inches. **Pkt., 5c; oz., 25c.**

Tulip Flowered Scarlet. Large, bright scarlet flowers. The two outer petals of the flower form a tulip cup. About 1½ feet. **Pkt., 10c; ½ oz., 35c.**

DOUBLE ANNUAL POPPIES

Double Shirley Mixed. Beautiful hybrids with large double and semi-double flowers in a wonderful range of colors. **Pkt., 10c; oz., 35c.**

Double Cardinal. Round as a ball. The flowers are of very large size and finely fringed. In color it is a glowing cardinal-red. 2 feet. **Pkt., 10c; ½ oz., 25c.**

Double Carnation Flowered. Large, showy flowers. 2 feet. Mixed. **Pkt., 5c; oz., 25c.**

ORIENTAL POPPIES (Perennial)

Oriental Poppies should be sown in early spring in the open ground as soon as it is fit to work. The plants disappear during July and August, appearing again as soon as the weather gets cool. When this fall growth starts is the time they should be transplanted to their permanent flowering quarters. 2½ to 3 feet. May.

Dark Red. Extra large flowers. **Pkt., 10c; ¼ oz., 40c.**

Orange Scarlet. About 3 feet high, with large orange-scarlet flowers; having a conspicuous black blotch on each petal. **Pkt., 10c; ⅛ oz., 50c.**

Salmon Pink. Beautiful salmon-pink. **Pkt., 10c; ¼ oz., 50c.**

Oriental Hybrids Mixed. Saved from a large number of named sorts, embracing all of the colors. 2½ to 3 feet. **Pkt., 10c; ¼ oz., 35c.**

ICELAND POPPIES (Perennial)

Iceland Mixed. While these are hardy perennials, they flower the first year from spring sown seeds. They are of graceful habit, with fern-like foliage; the satin-like flowers are borne in endless profusion and are excellent for cutting. All summer. 1 foot. **Pkt., 10c; ¼ oz., 35c.**

El Monte. This variety is a California introduction; comes true from seed; strong wiry stems for cutting. Deep tangerine. 1½ feet. **Pkt., 15c.**

Yellow Wonder. Extra large. Rich yellow and strong grower. **Pkt., 15c.**

Portulaca

PORTULACA (Moss Rose) (Annual)

Few flowers make such a dazzling display of color in the bright sunshine as a bed of portulacas. The glossy cup-shaped single flowers and rose-like double flowers, about one inch across, range through many shades of red, white, pink, orange, yellow, striped, etc.

Sow seed outdoors, after weather is warm and settled, where the plants are to stand.

Single Mixed. Pkt., 5c; ½ oz., 25c; 1 oz., 45c; 1 lb., $5.00.

Double Fine Mixed. Pkt., 10c; ¼ oz., 50c; oz., $1.50.

POTENTILLA (Flowering Strawberry) (Perennial)

A beautiful border plant, flowers from yellow to bright red. Leaves resemble strawberry plants. An unexcelled plant for border naturalizing and rock work. June. 1½ feet. **Double mixed. Pkt., 10c.**

PRIMULA (Primrose) (Tender Perennial)

Chinensis (Chinese Primrose). The choicest colors of the single flowering Primulas in all their dainty shadings. **Pkt., 25c.**

Obconica Gigantea Mixed. Pkt., 15c.

Malacoides. Delicate lilac. **Pkt., 15c.**

PRIMROSE (Perennial)

Spring-blooming plants. With a slight protection they will stand the winter, but will do better if protected by a cold frame. 6 to 12 inches.

Auricula. The fragrant flowers of many rich colors are borne in clusters. **Pkt., 15c.**

Polyanthus Veris. (Cowslip.) Fine for pot, outdoor culture, or rock garden. 12 inches. **Pkt., 10c.**

Vulgaris. True yellow Primrose; 6 inches. **Pkt., 15c.**

PYRETHRUM (Feverfew) (Perennial)

Roseum Grandiflorum Single Mixed. Flowers of enormous size, ranging from light pink to deep carmine; cutting. May to June. 2½ feet. **Pkt., 10c; ¼ oz., 35c.**

Hybridum Double Mixed. Seed saved from the finest double flowers; only a small percentage can be expected to come double the first year; 2 feet. **Pkt., 15c; 1/16 oz., 30c.**

RICINUS (Castor Oil Bean) (Annual)

Zanzibariensis. Surpasses all in beauty of colors, which include glaucous-green, coppery brown, metallic red; 8 to 10 feet. **Pkt., 5c; oz., 15c; ¼ lb., 40c.**

RICINUS—Continued

Borboniensis arboreus. The tallest of the Ricinus. 10 to 15 feet. **Pkt., 5c; oz., 15c; ¼ lb., 40c.**

Red Spire. An effective variety, with bronzy green foliage and rosy crimson seed spikes. 6 feet. **Pkt., 10c; oz., 25c.**

Gibsoni. Purplish leaves. 5 feet. **Pkt., 5c; oz., 15c; ¼ lb., 40c.**

Mixed Sorts. Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., $1.25.

RUDBECKIA (Coneflower) (Perennial)

Newmani. An effective sort, producing in masses during August and September brilliant orange-yellow flowers; 2 feet. **Pkt., 10c; ¼ oz., 40c.**

Purpurea (Giant Purple Coneflower). Large and showy, reddish purple flowers with dark brown disc; 3 feet. July and August. **Pkt., 10c; ¼ oz., 40c.**

Golden Glow. Extra double. An effective yellow flower during August and September. 6 feet. **Pkt., 10c.**

SALVIA (Scarlet Sage) (Perennial but grown as Annual)

The Salvia is among our most popular and useful bedding plants. There is nothing more effective in the midsummer or fall than these bright scarlet flowers. Seed may also be sown in the open ground in May.

Early Souvenir. A very early variety and therefore most suitable for sowing out in the garden. Plants grow about 1½ feet high; spikes brilliant red flowers. **Pkt., 20c; ⅛ oz., 50c.**

America (Globe of Fire). Dwarf bushy habit. Plants grow about 16 inches high. **Pkt., 15c; ⅛ oz., 35c.**

Bonfire. Its erect spikes of brilliant scarlet flowers stand above the dark green foliage. 16 inches. **Pkt., 10c; ⅛ oz., 30c.**

Splendens Grandiflora. Scarlet. A rich-flowered border sort. 2 feet. **Pkt., 10c; ¼ oz., 40c.**

Zurich. Plants are of dwarf, bushy growth and produce an abundance of bright scarlet flowers from early July until frost. 12 inches. **Pkt., 15c; ⅛ oz., 40c.**

Farinacea. A perennial variety, but best treated as an annual, blooming from August to September from Spring sown seed; color, light blue; 3 feet. **Pkt., 10c; ¼ oz., 35c.**

Salvia

Salpiglossis

SALPIGLOSSIS (Painted Tongue) (Annual)

These are among our most beautiful annuals and are easily grown. They are most desirable for beds and borders. As cut flowers they are unsurpassed.

Large Flowering. Finely veined, yellow, rose, scarlet, blue and purplish violet are found in this mixture. **Pkt., 10c; ¼ oz., 35c.**

SANVITALIA (Annual)

Procumbens fl. pl. Of dwarf compact growth; useful in rock work, beds and borders. Showy bright yellow, double flowers; in bloom all summer. 6 inches. **Pkt., 10c; ¼ oz., 40c.**

SAPONARIA (Bouncing Bet) (Perennial)

Rose. Splendid rock plant; bright rose colored flowers. 1 foot. May and June. **Pkt., 10c; ½ oz., 35c.**

SCABIOSA (Mourning Bride) (Annual)

They grow about 2½ feet high, and come into bloom early in July, and continue without interruption until hard frost. Excellent for cutting.

	Pkt.		Pkt.
Crimson	$0.10	Lavender	$0.10
Black-Purple	.10	Shasta White	.10
Rose	.10	Peach Blossom	.10

Mixed Pkt., 10c; ½ oz., 35c

Giant Loveliness. The blossoms range through varying tones of soft delicate salmon-rose. **Pkt., 10c; ½ oz., 40c.**

HARDY PERENNIAL SCABIOSA

Isaac House Strain. Colors range from light lavender to dark blue; excellent for cutting. June and July. **Pkt., 15c; ⅛ oz., 50c; 1 oz., $3.00.**

Caucasica (Blue Bonnet). Especially valuable for cutting; lilac-blue; June and July. 3 feet. **Pkt., 10c; ⅛ oz., 35c.**

SCHIZANTHUS (Annual)

Large-Flowered Mixed. Forming compact pyramidal plants about 16 inches high, literally covered with beautiful orchid-like flowers. Excellent for bedding and pot culture. **Pkt., 10c; ½ oz., 35c.**

Sunset Hybrids. An improved strain consisting of beautiful shades of bright rose and carmine. Each flower marked with white or gold. Two foot plants covered with blooms. Easily grown. **Pkt., 20c.**

SEDUM (Stonecrop) (Perennial)

Charming plants for sunny positions in the rockery, etc., and the taller kinds make effective color groups in the border. They thrive in almost any soil.

Perennial Mixed. Useful and pretty plants for the border, producing their interesting flowers from July to October. **Pkt., 25c.**

SENSITIVE PLANT (Mimosa Pudica) (Annual)

A curious and interesting plant with pinkish-white flowers; the leaves close when touched or shaken. 1 foot. **Pkt., 10c; ½ oz., 25c.**

SHAMROCK (Tender Perennial)

True Irish. Small leaved. 6 inches. **Pkt., 10c; ¼ oz., 25c.**

SHASTA DAISY (See Page 10)

SMILAX (Greenhouse Climber) (Tender Perennial)

In many respects the Smilax is the most useful and it is certainly one of the most graceful climbers. 10 ft. **Pkt., 10c; ½ oz., 25c.**

SOLANUM (Jerusalem Cherry) (Tender Perennial)

Cleveland Red. A greatly improved form of this very useful pot plant for winter decoration. It is of dwarf, bushy habit; bearing bright scarlet globular berries. 1 foot. **Pkt., 15c.**

STATICE (Annual)

Extremely showy; with large clusters of blooms carried on graceful stems. The plants are easy to grow from seed and do well in almost any kind of soil. The flowers may be cut and treated like Everlastings, drying them in a cool and shady place. 2½ feet.

	½ oz.	Pkt.
Sinuata Lavender	$0.25	$0.10
Sinuata Rose	.25	.10
Sinuata True Blue, Extra deep	.25	.10
Sinuata White	.25	.10

Suworowi (Russian Cat-tail). Forms a cluster of leaves on the ground and bearing tail-like spikes of rose-colored flowers. **Pkt., 10c; ¼ oz., 35c.**

STATICE (SEA-LAVENDER) (Perennial)

Splendid either for the border or rockery, producing panicles of minute flowers. June and July.

Latifolia. Purplish-blue flowers. 1½ feet. **Pkt., 10c; ¼ oz., 40c.**

VIGORO
The SQUARE MEAL that assures rich
BEAUTY in Lawns and Flowers

STOCKS (Annual)
CUT-AND-COME-AGAIN

Splendid perpetual-blooming variety. 2 to 2½ ft. **Finest Mixed.** All colors. **Pkt., 15c.**

GIANT BISMARCK 10-WEEK STOCKS.

Growing from 24 to 30 inches tall, of branching habit, producing innumerable large spikes, coming into bloom in 10 to 12 weeks. Fine for cutting. **Mixed. Pkt., 20c.**

10-WEEK DWARF GERMAN

12 to 15 inches high, for bedding.

Mixed Colors. Pkt., 10c.

STOKESIA (STOKES' ASTER) (Perennial)

Cyanea. (Blue). The earliest and best sort. 1 to 2 feet. June. **Pkt., 15c; ¼ oz., 35c.**

Sunflower (Helianthus)

(Annual)

Far superior to common Sunflowers. The large, rich golden yellow flowers are produced on each branch. Makes a beautiful hedge or border.

Golden Ball. Beautiful large double variety. 7 ft. **Pkt., 5c; oz., 25c.**

Dwarf Double. Similar to the above variety only of a dwarf nature. 3 feet. **Pkt., 5c; oz., 25c.**

Double Chrysanthemum-Flowered. A wonderful Sunflower with fully double golden yellow blooms like a giant Chrysanthemum. 7 feet. **Pkt., 10c; oz., 35c.**

SINGLE FLOWERING SORTS

Dwarf Red. This Sunflower we believe to be of real merit, color red to brown red. 5 feet. **Pkt., 10c; ½ oz., 25c.**

Stella (Improved Miniature Sunflower). Flowers of the purest golden yellow, with black disc. 5 feet. **Pkt., 10c; ½ oz., 25c.**

Mammoth Russian. Grown for its seed. **Pkt., 5c; lb., 20c.**

Spencer Sweet Peas

The flowers are large size, with upright standards delicately waved or frilled, and graceful wings. The blossoms are nicely placed on long, stiff stems in groups of three or more. Wherever the climate assures rather cool nights and days this type will flourish to perfection. 6 to 8 feet.

EARLY FLOWERING SPENCERS

While these are especially adapted for forcing under glass for winter and early spring blooming, they are also valuable for outdoor culture, coming into bloom earlier than the regular Spencer type, and if the flowers are kept cut, they will continue to bloom for a long time. **Mixed.** All colors, named varieties. **Pkt., 10c; oz., 25c; ¼ lb., 90c; 1 lb., $3.00.**

Spencer Mixed. Many of the best named sorts are included in this mixture. **Pkt., 10c; oz., 15c; ¼ lb., 50c; 1 lb., $1.75.**

PEAS (Perennial)

Lathyrus latifolius. An easily grown hardy perennial climber. Blooms from early spring until midsummer. **Mixed. Pkt., 10c; ½ oz., 25c.**

STRAWFLOWER MIXTURE (Annual)

Not only decorative in the garden but when dried retain their color and make effective winter bouquet. **Pkt., 10c; ½ oz., 25c.**

SWEET ROCKET (Hesperis) (Perennial)

An excellent perennial; fragrant white and purple flowers; 2 to 3 feet. **Mixed. Pkt., 10c; ½ oz., 25c.**

SWEET WILLIAM (Dianthus Barbatus) (Perennial)

A well known perennial for bedding and borders. The florets are borne on stiff stems in great profusion. The colors are exceedingly varied, ranging from white through many shades of rose, lilac, red, carmine, crimson and maroon. Excellent for cutting. May and June. 1½ feet.

Newport Pink. Salmon-pink. **Pkt., 10c; ½ oz., 35c.**

Scarlet Beauty. A very rich, deep scarlet. **Pkt., 10c; ½ oz., 35c.**

Holborn Glory. This strain is a large-flowered selection of the auricula-eyed. **Pkt., 10c; ½ oz., 35c.**

	Pkt.	½ Oz.		Pkt.	½ Oz.
White	$0.10	$0.35	Single Mixed	$0.05	$0.25
			Double Mixed	.10	.40

SWEET WILLIAM

Annual Mixed. The old favorite Sweet William, as all know, does not flower until the second year from seed, but this new type commences blooming in early summer from spring-sown seed. **Pkt., 10c; ¼ oz., 25c.**

TAHOKA DAISY (Annual)

Machaeranthera. Foliage fern like, color lavender-blue with yellow centers. Blooms from mid June until late autumn. **Pkt., 15c.**

THALICTRUM (Meadow Rue) (Perennial)

Hybridum. Graceful plants. Excellent for the hardy border. Useful for making bouquets. 3 feet. June and July. Mixed. **Pkt., 15c; ¼ oz., 40c.**

THERMOPSIS (Perennial)

Caroliniana. Golden yellow flowers are produced on spikes resembling Lupines. Easily grown. Not particular as to soil or position. **Pkt., 15c.**

THUNBERGIA (Black-eyed Susan)
(Tender Perennial Grown as an Annual)

Mixed. Handsome foliage and flowers. Used for hanging basket. 4 feet. **Pkt., 10c; ½ oz., 40c.**

TITHONIA (Annual)

Speciosa (Mexican Sunflower). A tall growing plant with rich orange-red flowers. Splendid for tall borders. Height 8 feet. **Pkt., 10c.**

TORENIA (Wishbone Flower) (Annual)

Fournieri. Bushy globular plants literally covered with the lovely richly colored, snapdragon-like flower of a delightful blue. 1 foot. **Pkt., 15c.**

TRITOMA (Red Hot Poker) (Perennial)

Pfitzer's Red. An improved variety of the plant sometimes called Red Hot Poker. The handsome flowers are produced in large spikes of red flower tubes. Plant two feet apart. Tritomas are hardy when covered in winter. **Pkt., 15c.**

TUNICA (Perennial)

Saxifraga. A splendid dwarf creeping plant for borders and rock work with small delicate rose blooms. 10 inches. June to September. Blooms first year if sown early. **Pkt., 10c.**

URSINIA (Jewel of the Veldt)

Pulchra. Annual Daisy from South Africa, growing about 1 foot high. The orange colored flowers measure about 2 inches across, with deep purple center and feathery foliage. Excellent for bedding and cutting. July to September. **Pkt., 15c.**

VALERIANA (Garden Heliotrope) (Perennial)

Rubra Mixed. Hardy border plants; large fragrant flowers. Blooms first year if sown early. June. 2 to 3 feet. **Pkt., 10c; ¼ oz., 25c.**

VERBENA (Annual)

Verbenas usually flower in August from seed sown in open ground in May. Germination will be hastened if the seed is soaked in lukewarm water before planting. Cover seed about one-fourth inch deep.

Beauty of Oxford Hybrids. A beautiful giant hybrid raised from a cross between Verbena Luminosa and Beauty of Oxford. Salmon-pink. **Pkt., 15c.**

Salmon Pink. A splendid giant flowering, true salmon-pink with white eye. **Pkt., 10c; ⅛ oz., 30c.**

Dwarf Fireball. Grows about 6 inches high and is literally covered with bright scarlet blooms; excellent for borders, beds or pot plants. **Pkt., 15c.**

VERBENA, Mammoth Grandiflora

	Pkt.	¼ Oz.
Blue	$0.10	$0.50
Floraldale Beauty. Salmon-rose	.15	
Lucifer. Cardinal-red	.10	.50
Mayflower. Deep rose-pink	.10	.50
White	.10	.50
Purple Mantle	.10	.50
Mixed	.10	.50
Auricula Fld. Mixed	.10	.40

Great Floral Clock Mixture. A splendid variety of compact growth with large trusses of fine flowers. **Pkt., 15c.**

Fine Mixed. This extra choice mixture includes a wide range of very beautiful colors. **Pkt., 5c; ½ oz., 40c.**

VERBENA (Perennial)

Venosa. 1 foot. Largely used for bedding purposes, strong, thrifty growers, covered with bright purple and heliotrope flowers. June to October. **Pkt., 10c; ¼ oz., 30c.**

VERONICA (Speedwell) (Perennial)

Spicata. An elegant hardy border plant, growing about 1½ feet high, producing long spikes of bright blue flowers. June and July. **Pkt., 15c; ⅛ oz., 30c.**

Veronica Spicata

Vinca

VINCA—PERIWINKLE (Annual)

These are very bright annuals which should be included in every garden. They are most attractive with their dark green glossy leaves and their beautiful flowers. Excellent for bedding and borders. The plants grow about 12 inches tall.

	¼ oz.	Pkt.
Rosea. Fine rose color	$0.30	$0.10
Rosea Alba. White, rosy eye	.30	.10
Alba Pura. Pure white	.30	.10
Mixed. All colors	.30	.10

VIOLET, Sweet Scented (Perennial)

Seed is of slow germination and should be sown in the Fall and left outdoors.

Viola Odorata (Semperflorens). Is the well known English Violet. Succeeds best in a partially shaded, moist place. 4 inches. April and May. **Pkt., 15c; ⅛ oz., 40c.**

VIOLA CORNUTA—
See Tufted Pansies, Page 17.

WALLFLOWER (Annual)

The plants grow to a height of 1½ to 2½ feet.

Early Wonder Mixed. The seed we are offering has been produced from special stock seed. Will bloom in about 90 days from time of sowing. **Pkt., 15c; ⅛ oz., 40c.**

WALLFLOWER (Perennial)

They flower early, and are often called the true "harbingers of spring." They thrive in poor soil, but are not hardy and should be sown in a cold frame during the autumn months and transplanted to the open ground in the spring. 1½ to 2 feet.

	Pkt.
Double Mixed	$0.15
Single Mixed. ½ oz., 30c	.10

WAHLENBERGIA, See Platycodon, page 19.

WOOLFLOWER, CHINESE (Annual)

Start seed, if convenient, under glass about four weeks before time to transplant to the garden. For beds and borders.

	Pkt.	¼ oz.
Crimson	$0.10	$0.35
Mixed. All colors	.10	.35

WILD CUCUMBER (Annual)

Rapid-growing annual climber. Has beautiful foliage and pretty fragrant white flowers. 15 feet. **Pkt., 10c; oz., 25c.**

WILD GARDEN FLOWER MIXTURE

A mixture of easily grown old fashion flowers that may be broadcast or sown in rows for cutting.

	Pkt.	Oz.	Lb.
Annual Mixed	$0.10	$0.15	$1.00
Perennial Mixed	.10	.50	6.75

	Pkt.
Rock Garden Mixture of Annuals	$0.10
Rock Garden Mixture of Perennials	.10

St. Louis Seed Co.'s Selected Zinnias

(Youth and Old Age) (Annual)

One of the most popular and most extensively used of all our hardy annuals.

DOUBLE DAHLIA-FLOWERED ZINNIA

This giant flowered type has petals which overlap in such a manner as to give the flowers the appearance of a decorative Dahlia. 3 feet.

Canary Yellow. **Pkt., 15c; ¼ oz., 30c.**

Crimson Monarch. Flowers often six inches in diameter. **Pkt., 15c; ¼ oz., 30c.**

Dream. A fine, deep lavender, turning to purple. **Pkt., 15c; ¼ oz., 30c.**

Exquisite Rose. Color light rose with center a deep rose. **Pkt., 15c; ¼ oz., 30c.**

Old Gold. Glowing shades of old gold. **Pkt., 15c; ¼ oz., 30c.**

Golden Dawn. A beautiful golden yellow. **Pkt., 15c; ¼ oz., 30c.**

Illumination. Striking self-color of deep rose. **Pkt., 15c; ¼ oz., 30c.**

Luminosa. Bright pink. **Pkt., 15c; ¼ oz., 30c.**

Meteor. A rich, glowing deep red. **Pkt., 15c; ¼ oz., 30c.**

Oriole. Orange and gold bicolor. **Pkt., 15c; ¼ oz., 30c.**

Polar Bear. Pure white. **Pkt., 15c; ¼ oz., 30c.**

Purple Prince. A fine, deep purple. **Pkt., 15c; ¼ oz., 30c.**

Zinnia (Cut and come again)

Scarlet Flame. Bright scarlet, with a delightful blending of orange. **Pkt., 15c; ¼ oz., 30c.**

Dahlia-Flowered, Mixed. Fine mixture of the very best colors. **Pkt., 15c; ½ oz., 50c.**

DWARF DOUBLE

Forming bushy, compact plants not over 2 feet high. **Mixed. Pkt., 5c; ½ oz., 25c.**

MAMMOTH DOUBLE ZINNIAS

The flowers are borne on long, stiff stems, of a semi-globular form, are mostly very double. 3 feet.

	Pkt.	½ Oz.
Purple	$0.10	$0.35
Scarlet	.10	.35
Red	.10	.35
White	.10	.35
Golden Yellow	.10	.35
Rose	.10	.35
Orange	.10	.35
Salmon Pink	.10	.35
Mixed, all colors	.10	.35

1 pkt. each of above 6 varieties, 40c.

ZINNIA ELEGANS CUT-AND-COME-AGAIN

A group with double, perfectly formed, medium sized flowers with long stems; exceptionally fine for cut flowers. 2 feet.

	Pkt.	½ Oz.
Bright Scarlet	$0.10	$0.50
Crimson	.10	.50
Golden Yellow	.10	.50
Salmon Rose	.10	.50
White	.10	.50
Pinkie	.10	.50
Mixed	.10	.50

DOUBLE LILLIPUT OR POMPON ZINNIAS

A very pretty type of compact habit, 15 inches high.

	Pkt.	½ Oz.
Scarlet Gem	$0.10	$0.50
Rosebud. Rose-pink	.10	.50
Canary Yellow	.10	.50
Golden Yellow	.10	.50
Salmon Rose	.10	.50
Lilac Gem	.10	.50
Crimson Gem	.10	.50
White	.10	.50
Valencia. Burnt orange	.10	.50
Finest Mixed	.10	.50

VARIOUS ZINNIAS

Fantasy. A most striking Zinnia. It has curled and twisted petals that give it a refined appearance. Mixed colors. **Pkt., 15c.**

Star Dust. Fantasy type; clear golden yellow. 2½ feet tall. Blooms medium-sized curled and twisted petals; blooms in 60 to 80 days. **Pkt., 15c.**

Zinnia Crown o' Gold Mixture. Each petal of the flower is overlaid with a deep golden yellow at the base, mixed colors. 2 ft. **Mixed. Pkt., 15c; ¼ oz., 50c.**

CURLED AND CRESTED

The petals of this beautiful strain are twisted, curled and crested. 2½ feet. **Mixed. Pkt., 10c; ½ oz., 40c.**

TOM THUMB

A small flowered Zinnia produced in great profusion. Colors are orange, red, maroon, yellow and variegated. **Pkt., 10c; ½ oz., 75c.**

Flowering Bulbs and Roots for Spring Planting

CANNAS—Large Flowering

Ready for shipment during March and April. By Parcel Post, add 5c per doz., postage.

YELLOW

Yellow King Humbert. 4 feet. Foliage a very dark green, flowers a deep rich yellow, softly spotted and blotched with bright red.

RED, GREEN FOLIAGE

The President. 4 ft. This Canna is superior to any other red variety in the quality and also the quantity of bloom.

RED, BRONZE FOLIAGE

King Humbert. 4 ft. The plants are crowned with immense heads of orchid-like, velvety orange-scarlet, rose-tinted and margined at the base.

PINK

City of Portland. 3½ feet. A deep pink which does not fade during the hot weather.

Price of Canna Roots, each, 6c; doz., 65c.

Miscellaneous Bulbs for Spring Planting

AMARYLLIS, GIANT-FLOWERED

New Hybrids. This selection of giant bloomers in wonderfully varied and brilliant colorings. **Each, 45c.**

ANEMONE

DeCaen. The flowers resemble Buttercups, to which family they belong. They possess many beautiful tones of red, violet, and purple, and varying to white. These tiny bulbs should be planted 2 inches deep in a place protected from hard winds or rain. **Doz., 50c.**

BEGONIAS (Tuberous Rooted)

Wax-like flowers appear uninterruptedly from June until frost. Plant bulbs outdoors about May 1st or start indoors any time prior to then. **Rose, Scarlet, White, Yellow, each, 15c; doz., $1.60.**

CALADIUM ESCULENTUM

Elephant's Ear. One of the most effective foliage plants for beds and borders. Can be used with good effect as a border for tall-growing Cannas.

	Each	Doz.
Mammoth bulbs	$0.30	$3.25
First Size bulbs	.20	2.25
Medium bulbs	.10	1.00

CINNAMON VINE

Well-known hardy climber; quick grower, with beautiful glossy heart-shaped leaves and sweet-scented flowers. Vines will run 20 to 30 feet in a season. **Large Roots, 10c; doz., $1.00.**

GLOXINIA (Hybrids)

The handsomest of our summer-blooming plants. The long tube-shaped flowers in rich purple, red, white, and lavender, are extremely beautiful. **Each, 25c; doz., $2.50.**

HYACINTHUS CANDICANS (Summer Hyacinth)

A white summer-flowering Hyacinth, growing about 3 feet high, gracefully surmounted with pure white bell-shaped flowers. **Per Pkg., 3 bulbs, 10c.**

ISMENE CALATHINA (Pancratium Lily or Peruvian Daffodil)

One of the choicest of our summer flowering bulbs, blooming profusely during the summer. Handsome clusters of large, very striking, fragrant pearly white flowers. **Large bulbs, each, 15c; dozen, $1.50.**

LILY OF THE VALLEY

Lily of the Valley. Genuine German (Maibluemchen). These are best for outdoor planting. Clumps. **Each, 35c; doz., $3.60.**

HARDY GARDEN LILIES

Bulbs should be planted as soon as the frost is out of the ground; the earlier the better. Set the bulbs from five to seven inches deep. Large Bulbs.

Auratum (The Golden Rayed Lily of Japan). The flowers are pure white, through the center of each petal runs a clear golden band. **Each, 35c; doz., $3.50.**

Speciosum Rubrum. Frosted white, spotted, clouded and bordered with pinkish crimson. **Each, 35c; doz., $3.50.**

Lilium Regale (3 ft.). Extra large bulbs, pure white, yellow center. **Each, 30c; doz., $3.25.**

Lilium Regale. First size bulbs, pure white, yellow throat. **Each, 20c; doz., $2.00.**

Tigrinum. Large, showy, brilliantly colored orange-scarlet flowers. August. Height, 5 feet. **Each, 25c; doz., $2.75.**

MONTBRETIA

The Montbretia is one of the most floriferous and showy of summer-flowering bulbous plants, producing in great numbers, graceful spikes 12 to 16 inches long, bearing many beautiful star-shaped flowers. Mixed colors. **Each, 7c; doz., 70c.**

MADEIRA VINE

The old favorite so much prized because of its rapid growth and freedom from insects; fragrant, white flowers. **Tubers, each, 10c; doz., $1.00.**

RANUNCULUS

This large flowering Ranunculus is far ahead of the common types. The double flowers are produced on stout stems and appear in every conceivable shade of color. Very fine cut flower. **Doz., 50c.**

TIGRIDIAS or SHELLFLOWERS

Extremely handsome summer-flowering bulbs, growing about 2 feet high, producing large gorgeous flowers in shades of yellow, yellow-orange, and red, exquisitely spotted. **Each, 10c; doz., $1.00.**

TUBEROSE

By Mail, add 10c per Dozen, postage.

Dwarf Excelsior Pearl. 24 inches. Early bloomer bearing pure white flowers, very double and sweetly scented. **Doz., 60c.**

Albino. 30 inches. Very early bloomer; dwarf habit; flowers waxy white and single, very fragrant. **Doz., 60c.**

St. Louis Seed Co.'s Dahlias

Time of Planting: The time for planting Dahlias varies quite a good deal, according to the locality. In the Central states roots may be set out as early as May 1st in some sections and from then until the middle of June. Some of our best blooms have been grown from roots planted out about June 15th. Dahlias should be planted from 2½ to 3 feet apart and covered to a depth of 4 inches. We list only varieties which will do best in our Middle West.

I.D. Informal Decorative. F.D. Formal Decorative. C. Cactus. S.C. Semicactus.

Buckeye Glory, I.D. Blooms are of immense size, the stems are strong. Color, orchid or rosy lilac. The petals are of great depth. A very attractive flower. **Each, $2.00.**

California Idol, I.D. Clear lemon yellow. A wonderful grower. The flowers are very large, stems strong and erect. **Each, $1.50.**

Cameo, F.D. Glowing coral rose with golden sheen and pink reverse. A beautiful flower, large size. **Each, 50c.**

City of Cleveland, I.D. Flowers of artistic form, color bright orange suffused scarlet. **Each, 35c.**

Dr. John Carman, F.D. Tyrian rose, tipped silver. Deep, broad-petaled flower held erect on strong stem. The medium-height bush is very rugged and a good bloomer. **Each, 35c.**

Dwight W. Morrow, I.D. Wonderfully rich crimson-red that does not burn or fade. Immense blooms of great depth, graceful and artistic formation. Healthy grower, with leathery foliage. **Each, 50c.**

Edith Harsh, F.D. Orchid pink. The attractive blooms are borne on strong stems. A very early free bloomer. **Each, 35c.**

Franz Berger, C. The well-formed coral red flowers are held erect on strong stems. An early and profuse bloomer. **Each, 35c.**

Honor Bright, F.D. Clear bright orange, shading to buff. An early continuous bloomer. **Each, 35c.**

Hunt's Velvet Wonder, I.D. The attractive broad petaled blooms are huge and have full centers. The flowers are deep rosy magenta blending into a true purple. **Each, 50c.**

Jane Cowl, I.D. This marvelous dahlia is an enormous, deep flower of the warmest shades of buff, apricot, and old gold, beautifully formed, and held absolutely erect on superb stems. **Each, 35c.**

Jean Trimbee, S.C. A beautiful Dahlia of rich Petunia violet, which can be grown to immense size. Very vigorous, with ideal stems and habit, and a free bloomer. **Each, 50c.**

Jersey's Beauty, F.D. A glorious pink bloom of perfect form, on long strong stems. Universally grown, and the best cut flower of all. **Each, 25c.**

Jersey's Dainty, C. The best white cactus. A strong grower and good bloomer. **Each, 50c.**

Josephine G., S.C. A beautiful Dahlia of bright La France pink with gold tips. A prolific bloomer on perfect stems. **Each, 35c.**

Kay Francis, S.C. A rugged grower with good stems. Lemon yellow. Good cut flower. **Each, 50c.**

Mable Elizabeth, I.D. A pure white Dahlia which withstands the sun, without burning. Good stem. **Each, 75c.**

Man of War, I.D. The earliest large red Dahlia to bloom. Color, ox-blood red. Good foliage and stems. **Each, 75c.**

Miss Belgium, C. Bright orange on long, stiff stems. Ideal for cutting. An early continuous bloomer. **Each, 50c.**

Mrs. Geo. LeBoutillier, I.D. A sensational exhibition dahlia of deep yet bright red that can be grown to enormous size. Free blooming, easy to grow. **Each, 50c.**

Mrs. I. De Ver Warner, F.D. The flowers grow to an immense size without any great amount of disbudding, are of a perfect regular type and of the most glowing shade of mauve pink. **Each, 25c.**

Queen City, F.D. This variety without question is outstanding in color which is scarlet pink, or light cherry red. **Each, 75c.**

Robert Emmet, I.D. Color a velvety cardinal red. Blooms giant in size; produces great quantities of perfect blooms on good stems. **Each, 35c.**

Satan, S.C. A sensational exhibition Dahlia of spectrum red. Petals are long and clawlike and the flower has great depth. Tall branching bushes with strong stems. **Each, 50c.**

Sultan of Hillcrest, F.D. Hugh blooms of lemon yellow with reverse of rosy pink. **Each, 50c.**

The Commodore, F.D. A bright lemon yellow; petals large, centers full with flowers of loose open formation. The bush growth is good; stems are strong. **Each, 35c.**

Thomas Edison, F.D. A beautifully formed, royal purple formal decorative Dahlia, on long canelike stems. **Each, 50c.**

White King, F. D. A white sport of Francis Larocca. An excellent cut flower. Blooms profusely on good stems. **Each, 25c.**

POMPON DAHLIAS

	Each
Arthur Kerley. Bright red	$0.30
Belle of Springfield. Deep rose	.25
Catherine. Pure yellow	.25
Joe Fette. Pure white	.30

Select Gladioli

Gladioli, by Parcel Post, add 5c per doz.

Culture: Gladioli will thrive in almost any good soil. They require full sunlight and are liable to injury only from rank manure. Plant the bulbs 6 to 9 inches apart, the large ones 4 inches and the small ones 2 inches deep.

RED SHADES

Chateau Thierry. Large flowers, good stems. Color, salmon-pink with deeper throat marks. **Doz., 40c; 100 for $3.00.**

Dr. F. E. Bennett. This is among the finest of the new reds. Tall, sturdy grower with well arranged flowers. **Doz., 30c; 100 for $2.00.**

Flaming Sword. Red, tinted salmon. A variety that is coming to the front very fast. **Doz., 30c; 100 for $2.00.**

Mrs. Francis King. The color brilliant flamingo-pink, blazed with vermilion-red. **Doz., 30c; 100 for $2.00.**

Nancy Hanks. Color rich peach red, shading to orange pink. Blooms well formed and perfectly placed. **Doz., 40c; 100 for $3.00.**

Pfitzer's Triumph. Flowers are bright scarlet with cherry blotch in the throat. **Doz., 40c; 100 for $3.00.**

Scarlet Wonder. Tall straight spike, large bright scarlet flowers. Many open at one time. **Doz., 45c; 100 for $3.50.**

Wurtembergia. Scarlet with cream throat. Flowers large, stems tall and straight. **Doz., 65c; 100 for $5.00.**

PINK SHADES

Betty Nuthall. The color is glowing orange-pink with pale orange throat and a light feathering of carmine. **Doz., 40c; 100 for $3.00.**

Break o' Day. Soft, light pink, blending to delicate cream. Large flowers. **Doz., 35c; 100 for $2.50.**

Debonair. LaFrance pink, shading to shrimp-pink with creamy throat. **Doz., 65c; 100 for $5.00.**

Duna. Soft pink, shaded buff, lower petals yellow. A fine Gladiolus. **Doz., 65c; 100 for $5.00.**

Elizabeth Swartley. Salmon-pink with white throat. A real beauty. **Doz., 35c; 100 for $2.50.**

Giant Nymph. Very large, light pink with creamy throat. **Doz., 30c; 100 for $2.00.**

Lady Marie. Florets large, well formed. Color glowing pink shaded orange. **Doz., 50c; 100 for $3.50.**

Los Angeles. Shrimp-pink with orange-carmine throat. **Doz., 30c; 100 for $2.00.**

Mrs. Frank Pendleton. Bright rose-pink on a pure white ground, contrasting in a most striking way with the deep rich velvety blood-red blotch on the lower petals. **Doz., 30c; 100 for $2.00.**

Mrs. Leon Douglas. Ground color begonia-rose, striped with flame and brilliant scarlet. **Doz., 35c; 100 for $2.50.**

Mr. W. H. Phipps. La France pink, overlaid with salmon-rose, lighter towards the center, lower petals faintly striped and speckled with ruby. **Doz., 35c; 100 for $2.50.**

Odin. Deep salmon-pink with intense carmine blotch on lower petals. **Doz., 30c; 100 for $2.00.**

PINK SHADES—Continued

Picardy. A most sensational flower of delicate flesh-pink. Large blooms and many open at one time. **Doz., 40c; 100 for $3.00.**

P. W. Sisson. Wonderful soft cameo pink. Tall, strong grower. **Doz., 35c; 100 for $2.50.**

BLUE SHADES

Berty Snow. One of the best lavender. Has good substance, large flowers and straight spikes. **Doz., 30c; 100 for $2.00.**

Blue Danube. Color, amethyst blue, darker in throat. Spike straight and tall. **Doz., 65c; 100 for $5.00.**

Chas. Dickens. Very tall, strong plant with large flower head and very large purple-violet florets. **Doz., 35c; 100 for $2.50.**

Minuet. Beautiful clear, light lavender; four to six large, heavily textured blooms open at once. **Doz., 50c; 100 for $3.50.**

Mrs. Van Konynenburg. A beautiful lilac-blue. Large and of good substance. Good form and makes an excellent spike. **Doz., 35c; 100 for $2.50.**

Paul Pfitzer. Aristocratic blooms of rich velvety purple. A fine variety. **Doz., 40c; 100 for $3.00.**

Pelegrina. Violet-blue, lower petals darker. An excellent Gladiolus. **Doz., 65c; 100 for $5.00.**

WHITE

Albatros. A massive pure white flower; the spike is very tall and florets large. One of the finest whites. **Doz., 60c; 100 for $4.50.**

Carmen Sylva. Pure white, large flowers on tall straight stems. **Doz., 35c; 100 for $2.50.**

Maid of Orleans. A very fine creamy white with deeper cream throat. **Doz., 65c; 100 for $5.00.**

Peace. The general effect of the flower is white, with a pale lilac feathering on the interior petals. **Doz., 30c; 100 for $2.00.**

Polar Ice. Pure white, large size and very early. **Doz., 65c; 100 for $5.00.**

YELLOW SHADES

Golden Dream. Deep, pure yellow. Tall and fine exhibition variety. The florets are large, of splendid form. **Doz., 30c; 100 for $2.00.**

Golden Eagle. Deep yellow, slightly ruffled. Early bloomer. **Doz., 35c; 100 for $2.50.**

Golden Measure. Golden yellow, tall spikes, large flowers. **Doz., 35c; 100 for $2.50.**

Kunderd's Yellow Wonder. A tall rich yellow, with spikes and flowers of quality. **Doz., 35c; 100 for $2.50.**

Spirit of St. Louis. Large flowers, well placed on straight stems. Saffron yellow. **Doz., 40c; 100 for $3.00.**

Wasago. Color, glowing clear buff; flowers open wide and are waved. **Doz., 40c; 100 for $3.00.**

Yellow Perfection. A vigorous growing plant with tall spikes. Soft, rich yellow. **Doz., 65c; 100 for $5.00.**

Choice Mixed Gladiolus. Doz., 25c.

Hardy Field-Grown Roses

Our hardy dormant Roses are ready for delivery from the first of March until the fifteenth of April. H. T.—Hybrid Tea. H. P.—Hybrid Perpetual. Plants travel best by Express. If wanted by Parcel Post, add 5c each for postage. No plants sent C. O. D.

Please Note: We send out only strong, healthy rose plants, and cannot be responsible for the care and growth after leaving our hands. If plants do not reach you in good condition, please notify us at once upon arrival.

Amelia Earhart. H. T. Large ovoid bud. Flowers very full, graduating from a deep yellow center to an outer collarette of large cream petals with a blush overtone. Extremely fragrant. **Each, $1.25.**

American Beauty. H. P. A very popular cerise-red. **Each, 35c.**

Ami Quinard. H. T. Very dark maroon (almost black). **Each 40c.**

Better Times. H. T. The brilliant cerise flowers are large, double and delicately fragrant, being produced on long strong stems, they are excellent for cutting. **Each, $1.25.**

Briarcliff. H. T. Fine, handsome flowers of an even shade of silvery rose-pink. **Each, 40c.**

Caledonia. H. T. Flowers large, white, full, double, high-centered. **Each, 45c.**

Condesa de Sastago. H. T. A vigorous grower. The petals are distinctly two-toned, coppery pink inside and golden reverse. **Each, 50c.**

Conqueror. H. T. A strong, upright grower with well-shaped blooms of saffron-yellow. **Each, 45c.**

Countess Vandal. H. T. A lovely coppery pink and gold, extra long pointed buds. **Each, $1.00.**

Duquesa DePenaranda. H. T. Apricot orange and pink. Plants vigorous. Blooms large and double. **Each, 50c.**

Edith Krause. H. T. Enormous double white blooms on good stems. Vigorous grower. **Each, 50c.**

Edith Nellie Perkins. H. T. Light cerise pink with gold suffusion. **Each, 50c.**

Editor McFarland. H. T. Well formed, brilliant pink. Vigorous. **Each, 40c.**

E. G. Hill. H. T. A very large, extremely double flower with tightly packed petals of brilliant, unfading red. **Each, 45c.**

Etoile de Hollande. H. T. Brilliant red blooms of magnificent size, perfect in half-open state, showing clean, attractive centers when fully open; very fragrant. **Each, 45c.**

Feu Jos. Looymans. H. T. A profuse, continuous bloomer with long buds. Color, deep yellow. **Each, 45c.**

Frau Karl Druschki. H. P. The flowers are pure white, very double and well formed. Blooms in June. **Each, 40c.**

Francis Scott Key. H. T. Giant, wonderfully shaped, extremely double flowers of brilliant crimson. **Each, 40c.**

General Jacqueminot. H. P. An old favorite rose, of clear red. **Each, 35c.**

Gipsy Lass. H. T. Scarlet Crimson, well shaped, very double blooms on strong plants. **Each, 45c.**

Golden Ophelia. H. T. Bloom has golden yellow center, paling at edges. Excellent cut flower. **Each, 50c.**

Golden Rapture. H. T. A splendid rose of upright growth. The pure yellow buds are ideal form, flowers large, very double. **Each, 45c.**

Grenoble. H. T. Strong branching growth. Bud crimson, but the open flower is brilliant red, good cut flower, fragrant. **Each, 45c.**

Gruss an Teplitz. H. P. The color is of the richest scarlet, shading to a velvety crimson; very fragrant. **Each, 35c.**

Joanna Hill. H. T. Beautiful, distinctive shaped buds of light yellow with bronze shadings in center. Excellent for cut flowers. **Each, 35c.**

K. A. Victoria. H. T. Snowy white with pale lemon center. **Each, 40c.**

Leonard Barron. H. T. Very hardy. Buff pink, tinted salmon. **Each, 45c.**

Los Angeles. H. T. Perfectly formed long pointed buds of flame-pink, toned coral and gold at base. **Each, 40c.**

Lucie Marie. H. T. Yellow with apricot-cerise shading. Vigorous grower. Fragrant. **Each, 45c.**

Margaret McGredy. H. T. Profuse bloomer. Large, double orange-scarlet. **Each, 40c.**

HARDY FIELD-GROWN ROSES—Continued

Mary Hart. H. T. A most unique sport of Talisman. The bud is maroon-red, opening to well-formed blossoms of deep, velvety blood-red with an overglow of amber. **Each, $1.00.**

McGredy's Scarlet. H. T. A beautiful brilliant red variety, with long pointed buds, borne on long stems. **Each, 40c.**

McGredy's Yellow. H. T. Bright, buttercup yellow. Perfect form, fragrant. **Each, 50c.**

Miss Rowena Thom. H. T. Very double, rose-pink, gold at base. **Each, 40c.**

Mrs. E. P. Thom. H. T. Rated as one of the best yellows. **Each, 40c.**

Mrs. Henry Bowles. H. T. Pink, shaded salmon. **Each, 40c.**

Mrs. Pierre S. Dupont. H. T. Free flowering with double rich yellow blooms. **Each, 45c.**

Mrs. Sam McGredy. H. T. Long buds of copper shaded scarlet. **Each, 50c.**

Olympiad. H. T. Large, well formed, vivid scarlet with yellow undertone. **Each, 50c.**

Pink Killarney. H. T. An old favorite. Color bright sparkling pink. Free bloomer. **Each, 35c.**

Rose Marie. H. T. Large cup-shaped blooms of beautiful rose-pink, borne on long stems. **Each, 40c.**

President Herbert Hoover. H. T. Maroon, orange and gold. Long-pointed buds, rigid stems. One of the best fall bloomers. **Each, 40c.**

Radiance. H. T. Brilliant rosy carmine shaded pink, large, full, of fine form. A constant bloomer and an excellent keeper in summer. **Each, 40c.**

Red Radiance. H. T. An ideal bedding Rose of American origin that continues to produce its large flowers throughout summer. A Rose that does well everywhere. **Each, 40c.**

ROSES
Do Best
When
Fed with
VIGORO
Complete Plant Food

Roslyn. H. T. Full golden yellow bloom, deeper in center, with orange splashings on back of petals. **Each, 45c.**

Sister Therese. H. T. A bright deep yellow. Attractive blooms that hold their color. **Each, 45c.**

Souv. Claudius Pernet. H. T. This variety continues to be popular because of its beautiful, full blooms of rich yellow. **Each, 40c.**

Talisman. H. T. The outside of the petals are bright yellow, gold and pink; as the flower opens it becomes bright apricot. A strong grower with glossy foliage. **Each, 35c.**

Texas Centennial. H. T. A deep red enlivened by a flush of gold. A strong grower and free bloomer. **Each, $1.00.**

Will Rogers. H. T. Large dark red well formed flowers borne on strong stems. Each, **$1.00.**

Golden Ophelia

DWARF POLYANTHA ROSES

Golden Salmon. P. Salmon orange. Free bloomer. **Each, 40c.**

Ideal. P. Dark red, continuous bloomer. **Each, 40c.**

HARDY CLIMBING ROSES

American Beauty Climber. Popular, brilliant carmine-red. **Each, 35c.**

Dr. W. Van Fleet. The color is a remarkable delicate shade of flesh-pink on the outer surface, deepening to rosy flesh in the center. **Each, 35c.**

Climbing Etoile de Holland. Brilliant red; blooms a climbing sport of the bush Etoile de Holland. **Each, 40c.**

Golden Climber. (Mrs. Arthur Curtiss James.) Hardy with blooms of Hybrid Tea type and quality, long lasting and most always solitary on stems often 18 inches. **Each, $1.00.**

Mme. E. Herriot. Coral red. (Strong grower.) **Each, 40c.**

New Dawn. The fragrant blush pink blooms are excellent as cut flowers because of their long stems and exquisite fragrance. **Each, $1.50.**

Paul's Scarlet Climber. No other rose in any class can compare with it for brilliancy of color, which is a vivid scarlet. **Each, 35c.**

Silver Moon. Very effective white with yellow stamens. **Each, 35c.**

Primrose. A hardy climber with large very double yellow flowers. **Each, 35c.**

Climbing Radiance. A sport of the popular bush Rose. The color is light crimson. **Each, 40c.**

Climbing Talisman. The red and gold-colored blooms and the vigor of the plant have made this climbing sport of the bush Talisman well liked. **Each, 40c.**

Hardy Ornamental Shrubs

Ready for shipment from March 1st to April 15th.

Note: Shrubs will be shipped on receipt of orders or as soon as they can be dug, unless instructed to the contrary, and can only be sent by Express, at purchaser's expense. No plants sent C. O. D. All shrubs are strong healthy plants. We are not responsible for the care and growth, after they leave our hands. If plants do not reach you in good condition please notify us upon arrival.

ALTHEA (Rose of Sharon)

The Altheas are among the most valuable of our tall, hardy shrubs on account of their late season of blooming, which is from August to October; grow about 8 feet high. Pink, Red, White. **Each, 40c.**

ALMOND, FLOWERING (Amygdalus)

This beautiful shrub is one of the loveliest. The flowers are borne on its slender branches during May, and are very fragrant. Grows about 4 feet high. Double-flowering pink. **Each, 55c.**

BUDDLEIA (Butterfly Bush)

Delicate lavender pink with orange center. **Each, 35c.**

CORNUS (Dogwood)

Florida Rubra. A spreading shrub or small tree with deep rose-colored flowers. **Each, $1.75.**

CREPE MYRTLE (Lagerstroemia)

Indica. A beautiful shrub, blooming late in summer. Protect in winter. **Each, 60c.**

CYDONIA (Japonica)

Flowering Quince. Semi-upright shrub, bearing a profusion of light red flowers in early spring, fragrant fruit in fall. **Each, 45c.**

DEUTZIA

Very ornamental and popular shrubs with showy white or blush flowers appearing in tassel-like clusters in spring or early summer. Grows to 6 feet.

Gracilis. One of the most useful of all dwarf growing shrubs. A profusion of snow-white flowers in April-May. **Each, 35c.**

Pride of Rochester. Blooms in May in advance of the others. With very large, double white flowers. **Each, 35c.**

FORSYTHIA

A very decorative shrub with bright golden yellow, star-shaped flowers which burst into bloom at the beginning of spring while the bush is otherwise bare; grows about 6 feet.

Intermedia. Flowers bright yellow, glossy green foliage, 3 or 4 feet, extra bushy. **Each, 40c.**

Spectabilis. Hardiest of all Forsythias. A very profuse bloomer. Highly ornamental. Large rich yellow flowers. **Each, 40c.**

HYDRANGEA

Arborescens Grandiflora Alba (Snowhill Hydrangea). Flower early in June and last until late in August. Especially suited for shaded places; grows about 5 feet high. **Each, 45c.**

Paniculata Grandiflora. The large panicles of white flowers are at their best during August; later they take on a reddish cast; grows about 3 feet high. **Each, 45c.**

Spirea

KOLKWITZIA (Beauty Bush)

Amabilis. Blooms in June, long arching sprays of pale pink tubular flowers, one of the finest shrubs, about 5 feet. **Each, 60c.**

LILAC or SYRINGA

Purple. Very free bloomer of large flowers; an excellent variety. **Each, 50c.**

White. Free bloomer. **Each, 50c.**

LONICERA (Upright Honeysuckle)

Tartarica Grandiflora Rosea. A beautiful shrub, very vigorous, and producing bright red flowers striped with white in June; grows about 8 feet. **Each, 35c.**

MAGNOLIA

Magnolia Soulangeana. Holds its pink throughout the blooming period, 3 to 4 feet, well branched. **Each, $2.75.**

PHILADELPHUS (Mock Orange)

Grandiflorus (Mock Orange). Grows 10 feet high. For grouping with other shrubs, forming large screens or hedges which may not require pruning, or used as single specimen lawn plants they are desirable. Fragrant, white flowers in dense clusters. **Each, 35c.**

Virginal. In June the plants appear as a huge bouquet, being completely covered with very large, double crested flowers that are pure white, sweet-scented and produced in clusters of five to seven. Grows about 8 feet high. **Each, 45c.**

RHUS

Cotinoides (Purple Fringe). Large plants, with panacles of purple fringe like flowers. 8 to 12 feet. May. **Each, 60c.**

SPIRAEA

Anthony Waterer. Bright crimson; it is of dwarf, dense growth, never exceeding 30 inches in height. **Each, 35c.**

Van Houtte. It is a beautiful ornament for the lawn at any season, but when in flower it is a complete fountain of white bloom, the foliage hardly showing. Grows 6 feet high. **Each, 30c.**

Prunifolia (Bridal Wreath). Double pure white flowers, a perfect gem, each individual flower as double as a Ranunculus and very conspicuous. Grows about 5 feet high. **Each, 35c.**

TAMARISK

Gallica. A refined graceful shrub. Foliage is very delicate and feathery. Flowers are light pink borne in loose sprays. **Each, 40c.**

HARDY SHRUBS—Continued

VIBURNUM (Snowball)

Carlesi. A most desirable shrub, bearing clusters of pink waxlike flowers, possessing a delightful fragrance. **Each, 70c.**

Common Snowball (V. opulus sterile). This old-fashioned favorite grows most anywhere. Attains a height of 6 to 8 feet. **Each, 50c.**

Opulus (High-Bush Cranberry). The white flowers in June are followed in autumn by bright scarlet berries. About 5 feet high. **Each, 50c.**

VITEX (Macrophylla)

This rare plant should be in every garden. The blue flowers are borne profusely on terminal spikes during midsummer. The leaves are deeply cut to star shape. 5 feet. **Each, 60c.**

WEIGELAS

Floribunda. Medium height with spreading branches. The flowers are rich red and produced in great profusion in the spring and at intervals throughout the summer. **Each, 50c.**

Rosea. The flowers are rose pink. Plants are spreading, height about 5 feet. **Each, 45c.**

Weigela

HEDGE PLANTS

California Privet. Privet is somewhat of an Evergreen nature and looks attractive until real winter sets in. Plants should be set 12 inches apart in double rows, in zig-zag fashion. 2-year-old, 24 to 30 inches. **10 for 40c; 20 for 70c; 100 for $3.00.**

Berberis Thunbergi (Japan Barberry). Perfectly hardy. Will make a dense hedge from 2 to 3 feet high. **Each, 20c; 10 for $1.50; 100 for $12.00.**

Red-Leaved Japanese Barberry. It is similar in all respects to the green-leaved Japanese Barberry which is so popular, but the foliage is bronzy red. **Each, 30c; 10 for $2.75.**

VINES

AMPELOPSIS (Boston Ivy)

Veitchi. This is the most deservedly popular of all climbing plants, being entirely hardy in the most exposed places and attaining a height of 30 feet in two or three years; clings to stone, brick or woodwork with the greatest tenacity. **Each, 40c.**

BITTERSWEET

A native climber, with handsome, glossy foliage and large clusters of beautiful orange-crimson fruits, remaining all winter. **Each, 35c.**

CLEMATIS

Paniculata. This grand climbing vine is one of the most valuable for porches. Blooms in the early fall, fleecy-white, fragrant flowers. Strong two-year plants. **Each, 35c.**

HONEYSUCKLE (Climber)

Halliana (Hall's Japanese Honeysuckle). A strong, vigorous, almost evergreen sort; white flowers changing to yellow; very fragrant; flowering from July to December. **Each, 30c.**

Scarlet Trumpet Honeysuckle. An attractive vine with large light green foliage and showy coral-red flowers. **Each, 30c.**

POLYGONUM (Silver Lace Vine)

One of the most desirable flowering climbers. The plant is of strong, vigorous growth, attaining a height of 25 feet or more, producing through the summer and fall great foamy sprays of white flowers. Strong plants. **Each, 60c.**

WISTERIA

W. Sinensis (Chinese). Flowers in clusters; purple; sometimes gives a second crop of flowers in the fall. Strong plants. **Each, 45c.**

W. Sinensis Alba. Of similar habit to Sinensis, with pure white flowers. Strong plants. **Each, 45c.**

Standard or Tree Form. The heads of these plants have been frequently pruned to insure compact growth. A very attractive plant with long racemes of violet-blue flowers. Balled and burlapped. **Each, $3.50.**

ANNUALS

Live only one season. The time for sowing given here is for out-of-doors. May be sown indoors earlier.

Name	Height	Shape	Color	Best For	Sow Seed	Transplant	Bloom
Abronia	10 in.	Trailing	Rose	Rockery	April	When 1" high	Summer and Fall.
Acroclinium	1½ ft.	Bushy	Mixed	Cut	April-May	When 2" high	July-October.
Adonis	1 ft.	Branchy	Red		April-May	Do Not	Summer.
Ageratum	6-12 in.	Bushy	Blue-White	Edging and Bedding.	April-May	When 1" high	Summer and Fall.
Alyssum	3-9 in.	Spreading.	White	Edging and Bedding.	April-July		Summer and Fall.
Amaranthus	2-4½ ft.	Bushy	Mixed	Bedding and Border.	May	When 2" high	Summer and Fall.
Anagallis	8 in.	Spreading.	Mixed	Edging and Bedding.	May	When 1" high	Summer.
Antirrhinum	1½-3 ft.	Bushy	Mixed	Bedding and Cut	April-June	When 2" high	Summer and Fall.
Arctotis	2 ft.	Branchy	White-Lilac	Cut	May	When 2" high	Summer.
Asters	1-3 ft.	Branchy	Mixed	Bedding and Cut	May	When 1" high	Summer and Fall.
Balloon Vine	5-10 ft.	Climber	White		May		Summer.
Balsam	2 ft.	Branchy	Mixed	Border	May	When 2" high	Summer and Fall.
Balsam Apple	10 ft.	Climber	Ornamental Fruit		May	Do Not	
Bartonia	1½ ft.	Branchy	Yellow	Bedding	May	Do Not	July and August.
Brachycome	1 ft.	Bushy	Blue-White	Edging and Bedding.	April-May	When 2" high	Summer.
Browallia	1 ft.		Blue	Bedding and Pots	April-May	When 1" high	Summer.
Cacalia	1½ ft.	Bushy	Red	Cut	May	When 2" high	July to October.
Calandrinia	1 ft.	Bushy	Rose	Cut	April-May	When 2" high	July to frost.
Calendula	1-1½ ft.	Bushy	Yellow	Cut	April-July	When 1" high	June to frost.
Calliopsis	1-3 ft.	Bushy	Mixed	Cut	April-May	Do Not	June to September.
Canary Bird Vine	10 ft.	Climber	Yellow		May	Do Not	Summer.
Candytuft	6-12 in.	Bushy	Mixed	Bedding and Cut	April-July	When 1" high	Summer.
Canterbury Bell	2 ft.	Erect	Mixed	Bedding	April-May	When 2" high	Summer and Fall.
Cardinal Climber.	20-30 ft.	Climber	Red		May		Summer and Fall.
Carnation	12-15 in.	Tuft	Mixed	Cut			
Celosia	1-3½ ft.	Bushy	Mixed	Bedding and Cut	May	When 2" high	June to October.
Centaurea	2½-3 ft.	Branchy	Mixed	Cut	April to June	Do Not	June to October.
Chrysanthemum	1-1½ ft.	Bushy	Mixed	Cut	April and May.	When 2" high	Summer.
Clarkia	2-2½ ft.	Branchy	Mixed	Cut	April and May.	When 2" high	July and August.
Cleome	3-4 ft.	Branchy	Rose	Border and Backgd.	May	Do Not	July to September.
Cobaea	20 ft.	Climber	Blue and White		May	Do Not	August to October.
Cockscomb	1-1½ ft.	Bushy	Mixed	Bedding and Cut	May	When 2" high	June to October.
Cornflower	3 ft.	Branchy	Mixed	Cut	April to June	Do Not	June to October.
Cosmos	4-6 ft.	Branchy	Mixed	Cut	May	When 4" high	June to October.
Cotton	3 ft.	Bushy	Ornamental		April	Do Not	
Cynoglossum	1½-2 ft.	Branchy	Blue	Border and Cut	May	When 2" high.	July and August.
Cypress Vine	15 ft.	Climber	White and Red		May	Do Not	July to October.
Datura	3 ft.	Bushy	White and Yellow	Bedding	May	When 4" high	Summer.
Dianthus	1 ft.	Tuft	Mixed	Bedding and Cut	May	When 2" high	Summer.
Didiscus	1½ ft.	Bushy	Blue	Cut	May	When 2" high	Summer.
Dimorphotheca	1 ft.	Bushy	Yellow and White	Border and Cut	May	When 1" high	Summer.
Dolichos	10 ft.	Climber	Purple and White		May	Do Not	July to October.
Erysimum	1½ ft.	Bushy	Yellow	Border	May	When 2" high	July to August.
Eschscholtzia	1 ft.	Bushy	Mixed	Bedding and Cut	April		June to October.
Euphorbia	2-4 ft.	Branchy	Ornamental Fol.	Mixed Borders	April and May.	When 2" high	
Four O'clock	3 ft.	Bushy	Mixed	Backgd. and Bord.	April and May.	When 4" high	July to October.
Gaillardia	1½ ft.	Bushy	Mixed	Border and Cut	April and May.	When 2" high	June to October.
Gilia	2 ft.	Bushy	Blue	Cut	April and May.	When 2" high	June to September.
Godetia	1-1½ ft.	Erect	Mixed	Bedding and Pots	May	When 1" high	July to September.
Gomphrena	1-1½ ft.	Bushy	Mixed	Bedding and Cut	April	When 2" high	June to October.
Grasses, Orn.	1-3 ft.	Tuft		Bedding and Border.	May	When 4" high	
Gypsophila	1½ ft.	Branchy	White and Rose	Cut	May	Do Not	Six weeks.
Helichrysum	2-2½ ft.	Bushy	Mixed	Cut	May	When 2" high	August to October.
Hop, Japanese	10-20 ft.	Climber	Variegated Fol.		May	Do Not	
Hunnemannia	1½ ft.	Bushy	Yellow	Bedding and Cut	April and May.	Do Not	July and August.
Ice Plant	8 in.	Spreading.	White	Edging and Rockery.	April and May	When 1" high	June to October.
Kochia	2-3 ft.	Bushy	Red	Hedge Plant	May	When 4" high	
Lantana	1 ft.	Bushy	Mixed	Bedding	April	When 2" high	July to October.
Larkspur	2-6 ft.	Branchy	Mixed	Border and Cut	Spring or Fall.		Spring and Summer.
Lavatera	2 ft.	Branchy	Pink	Border and Cut	May	When 2" high	July to October.
Leptosiphon	4-6 in.	Bushy	Mixed	Border and Rockery.	April to June	Do Not	In 8 weeks.
Linum	15 in.	Branchy	Scarlet	Border	April and May.	Do Not	June and July.
Lobelia	4-6 in.	Bushy	Blue	Edging and Baskets.	April and May	When 1" high	June to October.
Lupinus	2-3 ft.	Branchy	Mixed	Border and Cut	May	Do Not	July-August.
Malope	3 ft.	Branchy	Mixed	Border	April and May.	When 2" high	July and August.
Marigold	1-4 ft.	Bushy	Yellows	Border and Cut	May	When 2" high	July to October.
Matthiola	1 ft.	Bushy	Lilac	Border	May	Do Not	July to September.
Mesembryanthemum	6 in.	Spreading.	Mixed	Rockery	May	When 1" high	July.
Mignonette	1-1½ ft.	Erect	Mixed	Cut	April and May	Do Not	July and August.
Mimulus	6-8 in.	Bushy	Mixed	Edging and Rockery.	April and May.	When 1" high	June and July.
Mina Lobata	15-25 ft.	Climber	Yellow and White		April and May.	Do Not	July and October.
Moonflower	30-40 ft.	Climber	Blue, Pink, White		May	Do Not	August to October.
Morning Glory	15-20 ft.	Climber	Mixed		May	Do Not	June to October.
Nasturtium	1-8 ft.	Bu., Cl.	Mixed	Bedding and Border.	May	When 4" high	July to September.
Nemesia	8 in.	Bushy	Mixed	Bedding	April and May.	When 1" high	June-July.
Nemophila	6 in.	Bushy	Mixed	Shady Border	April and May.	Do Not	June to August.
Nicotiana	2½ ft.	Branching	White and Red	Border and Cut	April and May.	Do Not	July to October.
Nierembergia	1 ft.	Branchy	White and Lav.	Rockery, Baskets	April and May.	When 2" high	July to October.
Nigella	1½ ft.	Bushy	Blue and White	Bedding and Cut	May	Do Not	July and August.
Oenothera	2 ft.	Branchy	Yellow	Bedding and Border.	May	When 2" high	June to September.
Petunia	1-2 ft.	Branchy	Mixed	Bedding	March to July.	When 2" high	June to October.
Phlox	6-12 in.	Branchy	Mixed	Bedding and Cut	March to June.	When 2" high	June to October.
Poppy	1-2 ft.	Erect	Mixed	Bedding and Cut	Mar. and Apr.	Do Not	June.
Portulaca	6 in.	Spreading.	Mixed	Edging	April to July	When 1" high	June to October.
Primula	6-20 in.	Bushy	Mixed	Pots	April and May	When 2" high	Winter.
Pyrethrum	1 ft.	Bushy	Mixed	Edging	May	When 2" high	
Ricinus	5-15 ft.	Branchy	Ornamental	Background	May	Do Not	
Salpiglossis	2½ ft.	Branchy	Mixed	Bedding and Cut	April and May	When 2" high	July to October.
Salvia	1-3 ft.	Bushy	Red	Bedding and Border.	May	When 2" high	July to October.
Sanvitalia	6 in.	Trailing	Yellow	Edging and Rockery.	May	When 1" high	July to October.
Scabiosa	2½ ft.	Bushy	Mixed	Border and Cut	May	When 2" high	July to October.
Schizanthus	16 in.	Bushy	Mixed	Bedding and Pots	April and May.	When 2" high	June to August.
Sedum	3 in.	Spreading.	Blue	Border and Rockery.	May	When 1" high	July.
Sensitive Plant	1 ft.	Branchy	Novelty	Garden or Pots	April and May.	When 2" high	
Statice	1-3 ft.	Branchy	Mixed	Winter Bouquets	May	When 2" high	July to October.
Stevia	1½ ft.	Bushy	White	Cut	April and May.	When 2" high	July-August.
Stocks	1½-2½ ft	Branchy	Mixed	Bedding and Cut	Fall or Spring.	When 2" high	May-June.
Sunflower	3-8 ft.	Branching	Yellow	Border and Cut	May		August-September.

ANNUALS—Continued

Name	Height	Shape	Color	Best For	Sow Seed	Transplant	Bloom
Sweet Peas	6-8 ft.	Climber	Mixed	Cut	March to May	Do Not	June and July.
Sweet William	1½ ft.	Tuft	Mixed	Border and Cut	April and May	When 2" high	June and July.
Tithonia	8 ft.	Branchy	Orange-red	Background and Cut	May	When 4" high	August to October.
Torenia	1 ft.	Bushy	Blue	Bedding and Pots	April and May	When 2" high	July to September.
Verbena	6-12 in.	Spreading	Mixed	Beds and Massing	May	When 2" high	July to October.
Vinca	1-1½ ft.	Branchy	Pink and White	Bedding and Borders	April and May	When 3" high	July to October.
Wallflower	1½-2 ft.	Bushy	Mixed	Bedding and Cut	March to May	When 2" high	August and Sept.
Wild Cucumber	15 ft.	Climber	Ornamental		May	Do Not	
Woolflower	2-3 ft.	Branchy	Mixed	Bedding and Borders	March to May	When 2" high	July to October.
Zinnia	1-4 ft.	Branchy	Mixed	Bedding and Cut	May to Aug.	When 2" high	July to October.

PERENNIALS

Perennial seed may be planted in fall, but on account of the hot, dry fall season in St. Louis locality, we advise sowing perennials in early May, except those marked FALL, which are slow and will not germinate until the following spring.

Perennials marked (*) will bloom the first year from seed if sown early.

Name	Height	Shape	Color	Best For	Sow Seed	Transplant	Bloom
Achillea	2 ft.	Erect	White	Rockery and Cut	May	September	All Summer.
Aconitum	3 ft.	Bushy	Blue	Border	Fall	September	Sept. and Oct.
*Agrostemma	2 ft.	Erect	Red	Rockery and Cut	May	September	June-July.
Alyssum	10 in.	Spreading	Yellow	Rockery	May	September	May.
Ampelopsis	20-30 ft.	Climber	Ornamental	Stone Walls	Fall	Sept. or April	
Anchusa	5 ft.	Branchy	Blue	Shade	May	September	May-June.
Anemone	2 ft.	Bushy	Mixed	Cut	March-April	September	August to October.
Anthemis	2 ft.	Bushy	Yellow	Cut	May and Sept.	Sept. and April	June to August.
Aquilegia	2-3 ft.	Bushy	Mixed	Border and Cut	May and Sept.	September	May-June.
Arabis	6 in.	Spreading	White	Rockery	May	September	April.
Armeria	1 ft.	Tuft	Rose	Edging	May	September	June.
Asclepias	2 ft.	Bushy	Orange-scarlet	Cut	May and Sept.	Sept. and April	July-August.
Asters	½-4 ft.	Bushy	Mixed	Rockery and Cut	May	September	May, June to Sept.
Aubrietia	6 in.	Trailer	Mixed	Rockery	May	September	April-May.
Auricula	10 in.	Erect	Mixed	Border and Pots	Fall	June and July	May.
Baptisia	3½ ft.	Bushy	Blue	Border	May	September	May to June.
Bellis (Daisy)	6 in.	Tuft	Mixed	Shady Position	August-Sept.	April	May-June.
Bocconia	6-7 ft.	Branchy	White	Border	May	September	July.
*Boltonia	3-4 ft.	Branchy	Pinkish Lavender	Cut	March to May	May and Sept.	September-October.
Campanula	½-5 ft.	Erect	Mixed	Border and Rockery	May	September	June to August.
Candytuft	8 in.	Bushy	White	Rockery	September	March-April	April to June.
Carnation	1-1½ ft.	Tuft	Mixed	Cut and Rockery	May	September	May and July.
Centaurea	1½ ft.	Bushy	Blue	Cut and Edging	May	September	May-June.
Cerastium	6 in.	Trailing	White	Edging and Rockery	May	September	May-June.
Chelone	3 ft.	Bushy	Mixed	Border and Cut	May	September	June-July.
Clematis	12-15 ft.	Climber	Mixed		Fall	April	June, Aug., Sept.
Columbine	2-3 ft.	Bushy	Mixed	Border and Cut	May and Sept.	September	May, June, July.
Coreopsis	2-3 ft.	Bushy	Yellow	Cut	May	September	June-July.
Crucianella	6 in.	Creeping	Red	Rockery	May	September	June.
Daisy, Shasta	2½ ft.	Bushy	White	Border and Cut	May	September	June.
Delphinium	2-5 ft.	Branchy	Blue and White	Border and Rockery	July to Sept.	April and May	June to October.
Dianthus (Pinks)	6-12 in.	Tuft	Mixed	Bedding and Rock	May	September	May to October.
Dictamnus	2½ ft.	Bushy	Pink and White	Border and Cut	Fall	September	June-July.
Digitalis	3-5 ft.	Erect	Mixed	Background; Border	May	September	June-July.
Echinops	2-3 ft.	Erect	Blue	Border and Cut	May	September	July.
Forget-me-not	8 in.	Tuft	Blue and Rose	Rockery and Cut	Aug. to Sept.	April	May.
Foxglove	3-5 ft.	Erect	Mixed	Background; Border	May	September	June-July.
*Gaillardia	2-2½ ft.	Bushy	Mixed	Border and Cut	April	September	June to October.
Geum	1½-2 ft.	Branchy	Red and Yellow	Cut and Rockery	May	September	May-June.
Grasses	3-6 ft.	Ornament.		Bedding and Border	May and Sept.	May	Summer.
Gypsophila	½-3 ft.	Branchy	White and Rose	Rockery and Cut	May	September	June to August.
Helianthemum	8 in.	Spreading	White and Pink	Rockery	May		May-June.
Heliopsis	3-4 ft.	Bushy	Yellow	Cut	May	September	June to October.
Heuchera	1 ft.	Erect	Crimson	Rockery and Cut	May	September	May-June.
Hibiscus	4 ft.	Bushy	Mixed	Background; Border	Fall	September	July.
Hollyhock	5-7 ft.	Erect	Mixed	Background; Border	May	Sept. and April	June-August.
Incarvillea	2 ft.	Bushy	Mixed	Bedding and Border	March to May	June	June to October.
Kudzu Vine	40-50 ft.	Climber	Purple		May	September	August-September.
Lavender	1 ft.	Branchy	Lavender	Border	May	September	June.
Liatris	2-3 ft.	Erect	Purple	Border and Cut	May	September	July-August.
Lily, Regal	2 ft.	Erect	White	Cut	Fall	Sept. or April	June.
*Linaria	3 in.	Trailing	Violet	Rockery	March	May	July to September.
Linum	1½ ft.	Branchy	Blue	Rockery	May	September	May-June.
Lobelia	2-4 ft.	Erect	Red	Cut	Spring or Fall	When 4" high	July to September.
Lupinus	2½-3 ft.	Erect	Mixed	Cut	May	September	May-June.
Lychnis	1-3 ft.	Bushy	Mixed	Bedding and Border	May	September	June to August.
Myosotis	8 in.	Tuft	Blue and Rose	Rockery and Cut	August-Sept.	April	May.
Oenothera	3 ft.	Branchy	Yellow	Bedding and Border	May	September	June to August.
Pansy	6 in.	Tuft	Mixed	Shady Places	Spring; Fall	When 1" high	Spring and Summer
Pentstemon	2½ ft.	Branchy	Mixed	Border	May	September	June-July.
Perennial Peas	6-8 ft.	Climber	Mixed	Cut	May	September	July to October.
Phlox	2-3 ft.	Erect	Mixed	Bedding and Cut	Fall; Spring	When 4" high	July to September.
Physalis	1½ ft.	Erect	Ornamental	Winter Bouquets	May	September	August-September.
Platycodon	3 ft.	Bushy	Blue	Border and Rockery	May	September	June to September.
Polemonium	1-2 ft.	Bushy	Purple	Border and Rockery	May	September	April to June.
Poppy	1-3 ft.	Bushy	Mixed	Cut and Rockery	March-April	August	May.
Potentilla	1½ ft.	Branchy	Mixed	Border and Rockery	May	September	June.
Primula	6-12 in.	Erect	Mixed	Pots and Rockery	Fall	June-July	May.
Pyrethrum	2 ft.	Bushy	Mixed	Edging and Cut	May	September	May-June.
Rosemary	2 ft.	Bushy	Blue	Seasoning	April	June	
Rudbeckia	2-6 ft.	Bushy	Yellow and Purple	Cut	May	September	July-October.
Salvia	3 ft.	Branchy	Blue	Bedding and Border	April	June	August-September.
Saponaria	1 ft.	Trailing	Rose	Rockery	May	September	May-June.
Scabiosa	2-3 ft.	Bushy	Blue and Pink	Border and Cut	May	September	July to October.
Sedum	6-18 in.	Crp.-Bush.	Mixed	Border and Rockery	May	Sept.-May	July-October.
Shasta Daisy	2½-3 ft.	Bushy	White	Border and Cut	May	September	June.
Statice	1½-2 ft.	Bushy	Blue and White	Winter Bouquets	May	September	June-July.
Stokesia	1-2 ft.	Branchy	Blue	Cut	May	September	June to August.
Sunflower	4-5 ft.	Branchy	Yellow	Border and Cut	May	September	August-September.

PERENNIALS—Continued

Name	Height	Shape	Color	Best For	Sow Seed	Transplant	Bloom
Sweet Peas	6-8 ft.	Climber	Mixed	Cut	May	September	July to October.
Sweet Rocket	2-3 ft.	Branchy	Mixed	Border and Cut	May	September	May-June.
Sweet William	1½ ft.	Bushy	Mixed	Border and Cut	May	September	May-June.
Thalictrum	3 ft.	Branchy	Mixed	Border and Cut	May	September	June-July.
Tritoma	2½ ft.	Erect	Red	Border and Cut	May	September	August.
*Tunica	10 in.	Creeping	Pink	Border and Rockery	May	September	June to September.
*Valeriana	2-3 ft.	Branchy	Mixed	Border	May	September	June.
Verbena	12 in.	Spreading.	Mixed	Beds and Massing	May	September	June to October.
Veronica	1½ ft.	Erect	Mixed	Border and Rockery	May	September	June and July.
Viola Cornuta	6 in.	Tuft	Mixed	Rockwork	Spring, Fall	When 1" high	Spring and Summer
Violets	4 in.	Tuft	Blue	Shady Places	Fall	April	April-May.
Wahlenbergia	3 ft.	Bushy	Blue	Border and Rockery	May	September	June to September.
Wallflower	1½-2 ft.	Branchy	Mixed	Bedding and Cut	September	April	May.

TENDER PERENNIALS—Plants That Need Protection From Frost

Name	Height	Shape	Color	Best For	Sow Seed	Transplant	Bloom
Abutilon	2-3 ft.	Branchy	Mixed	House Plant	April-May	When 2" high	Continuously.
Asparagus	2-3 ft.	Branching	Ornamental	House Plant	May	When 2" high	
Begonia	8-15 in.	Bushy	Mixed	House Plant	March	When 1" high	Winter.
Bellis (Daisy)	6 in.	Tuft	Mixed	Shady Position	August-Sept.	April	May-June.
Calceolaria	1½ ft.	Bushy	Mixed	House Plant	June	When 1" high	Spring.
Canna	3-5 ft.	Erect	Mixed	Bedding	March	When 4" high	July to October.
Chrysanthemum	1½-2 ft.	Branchy	Mixed	Cut	February	When 4" high	October.
Cineraria	1 ft.	Bushy	Mixed	House Plant	July	When 2" high	Spring.
Coleus	1-3 ft.	Bushy	Mixed	Bedding and Pots	March to May.	When 1" high	
Cuphea	1 ft.	Bushy	Russet-Orange	Bedding and Pots	March	When 2" high	Summer and Fall.
Cyperus	2 ft.	Bushy	Ornamental Fol.	House Plant	May	When 2" high	
Dahlia	1½-5 ft.	Branchy	Mixed	Bedding and Cut	April	When 4" high	July to October.
Dracaena	2 ft.	Erect	Ornamental Leaf.	House Plant	May	When 4" high	
Feverfew	1-2 ft.	Bushy	White and Yellow	Bedding and Cut	April	When 2" high	June to August.
Fuchsia	1-4 ft.	Bushy	Mixed	House Plant	March	When 2" high	Winter.
Geranium	1-1½ ft.	Bushy	Mixed	Bedding and Pots	May	When 4" high	Summer.
Gerbera	2 ft.	Erect	Mixed	Cut	May	September	Spring.
Gloxinia	1 ft.	Bushy	Mixed	House Plant	April	When 1" high	Spring.
Grevillea	1-5 ft.	Branchy	Ornamental	House Plant	May	When 2" high	
Heliotrope	1½-2 ft.	Bushy	Blue	Bedding and Pots	Jan.-Feb.	When 2" high	Summer.
Impatiens	1½ ft.	Bushy	Mixed	Bedding and Pots	April	When 1" high	Winter and Spring.
Pansy	6 in.	Tuft	Mixed	Shady Places	Spring; Fall	When 1" high	Spring and Summer
Shamrock	6 in.	Spreading.		House Plant	April	When 1" high	
Smilax	10 ft.	Climber	Ornamental	Greenhouse	November	When 2" high	
Solanum	1 ft.	Bushy	Red Berries	House Plant	May	When 2" high	
Thunbergia	3-4 ft.	Trailer	Mixed	Hanging Baskets	April	When 2" high	July-August.

BIENNIALS—Live Two Seasons

Name	Height	Shape	Color	Best For	Sow Seed	Transplant	Bloom
Campanula	2½-3 ft.	Erect	Mixed	Border	April	July	June.
*Cheiranthus	1 ft.	Bushy	Yellow	Border and Rockery	May	September	May.
Honesty	3-4 ft.	Branchy	White	Ornamental Pods	Spring	July	May.

INOCULATOR PRICES

When Ordering Always Specify Name of Seed

Alfalfa, all Clovers

Size	Retail
½ bu. ea.	$0.30
1 bu. ea.	.50
2½ bu. ea.	1.00

Vetch, Austrian Peas, Canadian Peas, Beans

Size	Retail
½ bu. ea.	$0.25
1 bu. ea.	.40
* 1⅔ bu. ea.	.60
5 bu. ea.	1.70
*12½ bu. ea.	4.00

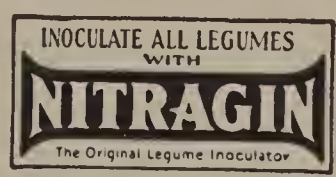
*"100 lb. size." Packed only for Vetch and Peas.

New Garden Size

NITRAGIN for Garden Peas, Beans, Sweet Peas, Lima Beans and Lupines

Each package will inoculate any amount up to 4 lbs. seed.

Retail Price....$0.10 ea.



LESPEDEZA Unhulled or Hulled

Size	Retail
1 bu. ea.	$0.30
2 bu. ea.	.50
5 bu. ea.	1.00

Peanuts, Soy Beans, Cow Peas, Lima Beans

Size	Retail
1 bu. ea.	$0.30
2 bu. ea.	.50
5 bu. ea.	1.00
10 bu. ea.	1.60
*25 bu. ea.	3.00

*"25 bu. size." Packed only for Soy Beans, Cow Peas.

DU BAY SEMESAN

It destroys the destructive diseases on the seed and protects them from the rots in the soil, which results in increased stands of more vigorous, healthy plants that yield larger, quality crops. Sprinkling of the seedling beds with Semesan solution effectively prevents damping-off. Recommended especially for seeds, bulbs, and gladiolus corms.

Semesan (for Vegetables and Flowers). **2 ozs., 35c; 1 lb., $2.25; 5 lbs., $9.90; 25 lbs., $45.50.**

Semesan, Jr. (for Corn). **4 ozs., 30c; 1lb., 75c; 5 lbs., $3.25.**
2 ounces treat one bushel of seed corn, as a dust.

Semesan Bel (for Seed Potatoes, Bulbs, and Roots). **4 ozs., 45c; 1 lb., $1.50; 5 lbs., $6.75; 25 lbs., $31.00.**
1 pound treats 60 to 80 bushels of seed potatoes.

Ceresan (for Wheat, Oats, Barley, Rye, and Cotton). **1-lb. tin, 70c; 5-lb. tin, $3.00.**
2 to 3 ounces treat a bushel of seed, as a dust.

ANSUL DUST

Ansul Dust mixed with the soil controls seed borne diseases and damping off of almost all types of vegetables and flowers; also cutting and transplanting. It is safe, economical and easy to apply. Gives complete soil sterilization. Seed treatment is unnecessary. Ansul Dust controls oat smut and covered smut of barley without injury to seed. **Full directions for use with each package. 1 lb., 75c; 5 lbs., $2.00; 25-lb. drum, $5.50; 50-lb. drum, $9.00.**

Strawberry Seed and Plants

Strawberry plants are not in stock, but are sent direct to you from the nursery, ready April, May and October.

SPRING-BEARING VARIETIES

Aroma. (S). Late. The Aroma is one of the best late varieties for both northern and southern sections. It is the one variety that comes nearest to being fitted for both the North and South.

Blakemore. (S). Extra early. A cross between Premier and Missionary. Originated by the U. S. Dept. of Agriculture. Fruit is large, firm, dark red, of conical shape. Good plant maker and heavy bearer.

Dorsett. (S). The berries are large, sweet, and deep red. The plants are vigorous and produce a large crop.

Fairfax. (S). The Fairfax is a deep red sweet early berry. The plants are very vigorous, bears heavily throughout a long season.

Senator Dunlap. (S). Medium. The Senator Dunlap is one of the old standbys among Strawberry varieties. It is grown under more conditions and by more people than any other variety. The berries are of high quality and handsome appearance.

ABOVE VARIETIES

	25	100	1000
Price	$0.50	$1.25	$8.50

EVERBEARING STRAWBERRIES

Gem. Produces extremely large berries throughout the Summer and Fall. Keep watered and cultivated during hot, dry weather.

Mastodon. The Mastodon is a fall-bearing variety. This variety should give excellent results especially where water can be applied during dry weather and where special attention can be given to the plants. **Price: 25 for 85c; 100 for $2.25; 1000 for $18.00.**

STRAWBERRY SEED

Baron Solemacher. A strawberry grown from seed. An ideal berry for home garden, producing fruit the first season from early sown seed. The plants form no runners. Fruit medium size and dark red. The berries are sweet and highly aromatic. **Pkt., 25c.**

Vegetable Plants

Please Note: All vegetable plants on this page are grown especially for us, are in stock at our store and are strong, transplanted plants.

ASPARAGUS ROOTS

Extra Choice Two-Year Roots.

	Doz.	4 Doz.	100
Washington Rust-Proof	$0.25	$0.90	$1.75

(By parcel post, add 5c per doz. postage.)

CABBAGE PLANTS

Plants should be set about 2½ to 3 feet apart. April and May delivery

	25	50	100
Wakefield	$0.20	$0.35	$0.60
Golden Acre	.20	.35	.60
All Season	.20	.35	.60

(By parcel post, add 20c per 100 for postage.)

CAULIFLOWER PLANTS

April and May delivery. Plants should be set 2½ to 3 feet apart.

	Doz.	4 Doz.
Early Snowball	$0.10	$0.35

CELERY PLANTS

Ready July 1st.

	50	100
Price	$0.25	$0.45

(By parcel post, add 20c per 100.)

EGG PLANT

	Doz.	100
Egg Plant. Black Beauty	$0.20	$1.40

(By parcel post, add 5c per doz.)

HORSERADISH ROOTS

The soil should be very rich and well cultivated. **12 for 15c; 4 doz. for 50c; 100 for 80c; 1000 for $7.00.** (By parcel post, add 10c per 100 postage.)

PEPPER PLANTS

Ready for May and June.

	Doz.	4 Doz.	8 Doz.
Chinese Giant	$0.15	$0.50	$1.00
Crimson King	.15	.50	1.00
Red Cayenne	.15	.50	1.00

(By parcel post, add 5c per doz. postage.)

RHUBARB ROOTS

When only a few plants are required, we would suggest the purchase of roots instead of seed. Transplant roots in fall, or spring, in highly manured soil, setting them 4 to 6 feet apart each way. Do not pull stalks until second year after transplanting roots.

	Each	Doz.
2-year-old	$0.15	$1.50

(By parcel post, add 5c each, or 25c per doz.)

SWEET POTATO PLANTS

	50	100	1000
Red or Yellow	$0.25	$0.45	$4.00

Ready May and June.
(By parcel post, add 20c per 100.)

TOMATO PLANTS

We make a specialty of growing Tomato plants and can furnish the following varieties after May 10th in fine, strong, stocky plants. Ready May and June.

	Dz.	4 Dz.	8 Dz.
Ponderosa	$0.15	$0.50	$1.00
Livingston Globe	.15	.50	1.00
Break o' Day	.15	.50	1.00
Marvelous	.15	.50	1.00
Marglobe	.15	.50	1.00

(By parcel post, add 20c per 100 for postage.)

General List of Highest Grade Vegetable Seeds

It has always been our endeavor to list only sorts of vegetable seeds as, from our tests and experience, we have found to be of superior merit.

ARTICHOKE

Green Globe. The plants of medium height. The edible buds or flower heads are deep green, globe-shaped. The fleshy scales are moderately broad and full at base and are regarded as a delicacy. **Pkt., 10c; oz., 35c; ¼ ib., $1.25.**

ASPARAGUS

One ounce will sow about 50 feet of drill.

Martha Washington. The shoots of this vigorous and prolific variety are large, deep green tinged with purple at the tips, and are resistant to Asparagus Rust. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.**

DWARF BEANS

One pound will plant 100 feet of row; thirty pounds will plant an acre.

At the following prices on Beans, packets up to five pounds are sent prepaid, all larger quantities are shipped at purchaser's expense.

Culture: Plant about the first of May in rows, placing the seed 2 to 3 inches apart in drills about 2 inches deep. The rows should be about 2½ feet apart, and the soil slightly hilled, to insure good drainage. Frequent pickings insure a more prolonged bearing season. For succession plant every two weeks up to August 1st.

GREEN-PODDED VARIETIES

Bountiful Stringless. 48 days. This is the best flat-podded stringless variety. The light green pods are 6½ to 7 inches long, stout, flat, somewhat curved, absolutely stringless. **Pkt., 5c; ½ lb., 20c; 1 lb., 30c; 5 lbs., $1.00.**

Full Measure. 54 days. Pods are medium green, round, fleshy, fine grained and strictly stringless. **Pkt., 5c; ½ lb., 20c; 1 lb., 30c; 5 lbs., $1.00.**

Giant Stringless Green Pod. 56 days. The pods are large and nearly round, and of medium green color. **Pkt., 5c; ½ lb., 15c; 1 lb., 25c; 5 lbs., 85c.**

Mammoth Stringless Green Pod. (Tender-green.) 56 days. A very high quality green-podded sort, producing large pods, some of which measure 6 inches in length, of the finest quality. Pods are perfectly round. **Pkt., 5c; ½ lb., 20c; 1 lb., 35c; 5 lbs., $1.15.**

Stringless Green Pod. 52 days. A very desirable dwarf green-podded snap Bean largely grown for the market. The pods are medium green, 5 to 6 inches long, are of high quality and remain crisp and tender. **Pkt., 5c; ½ lb., 15c; 1 lb., 25c; 5 lbs., 85c.**

The Commodore. (A Dwarf Kentucky Wonder.) Pods 8 to 9 inches. Excellent quality. Very fleshy, brittle, and of fine texture, stringless. Medium early. Plants are vigorous, of an upright growth so that the pods seldom touch the ground. An All-American Selection. . **Pkt., 20c; ¼ lb., 35c; ½ lb., 60c; 1 lb., $1.00.**

Valentine Stringless. 45 days. Vines strong and vigorous; pods green, medium length with creases in the back; very fleshy, crisp and tender. **Pkt., 5c; ½ lb., 20c; 1 lb., 30c; 5 lbs., $1.00.**

White Navy. (Shell Bean.) The famous little white soup Bean. **Pkt., 5c; ½ lb., 15c; 1 lb., 25c; 5 lbs., 85c.**

PRICE OF BEANS—Delivery Charges Extra

	10 lbs.	25 lbs.	100 lbs.
Mammoth Stringless	$1.60	$3.75	$14.00
Bountiful	1.50	3.50	13.00
Full Measure	1.60	3.75	14.00
Giant Stringless	1.50	3.50	13.00
Stringless Green Pod	1.50	3.50	13.00
St. L. S. Co.'s White Wax	1.60	3.75	14.00
Valentine Stringless	1.50	3.50	13.00
Golden Wax	1.70	4.00	15.00
Pencil Pod Wax	1.70	4.00	15.00

INOCULATE BEANS WITH NITROGEN

Full Measure

WAX-PODDED VARIETIES

St. L. S. Co.'s White Wax. 48 days. This round-podded Dwarf Wax Bean has attained the top notch among Beans of this class, the pods average 5 to 6 inches in length, a round-podded wax variety; they are very solid, meaty and tender. **Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 5 lbs., $1.15.**

Golden Wax. 48 days. A splendid home garden variety; also much used for canning. Plant small, productive. Pods very attractive; golden yellow; 4½ to 5 inches long, thick, oval, fleshy, brittle, stringless. **Pkt., 5c; ½ lb., 20c; 1 lb., 30c; 5 lbs., $1.10.**

Pencil Pod Wax. 52 days. Very desirable for home and market garden and for truckers. Plant large and thrifty, heavily productive over long period. Pods handsome bright yellow; 5½ to 6 inches long. Seeds black. **Pkt., 5c; ½ lb., 20c; 1 lb., 30c; 5 lbs., $1.10.**

Pole Beans

One pound will plant 100 feet of row; thirty pounds will plant an acre.
Prices on Beans, packets up to five pounds are sent prepaid, all larger quantities at purchaser's expense.

Culture: Pole Beans are more sensitive to cold than the bush kinds, and should not be planted before the ground is warm—in this latitude, after May 1st. Set poles 6 to 8 feet long, 3 to 4 feet apart, in 4-foot rows and plant five or six beans 2 inches deep around each pole.

Kentucky Wonder (Old Homestead). 65 days. Unexcelled for home and market garden. Excellent climber, thrifty, heavily productive. Pods medium green; 8 to 9 inches long, nearly round and ½ inch in diameter; slightly stringy, fleshy. **Pkt., 5c; ½ lb., 15c; 1 lb., 25c; 5 lbs., $1.00.**

St. L. S. Co.'s White Cornfield. 65 days. An early maturing, green-podded, white-seeded pole sort, desirable for snaps and unsurpassed in its class as green shell beans. The pods are round, very long, often 8 to 9 inches, irregular in shape and quite stringless. **Pkt., 5c; ½ lb., 20c; 1 lb., 35c; 5 lbs., $1.50.**

Yard Long Pole Bean. (A novelty). Excellent climber and heavy producer. Pods medium green, 20 to 30 inches long. **Pkt., 10c; ¼ lb., 25c.**

LIMA BEANS—DWARF

St. L. S. Co.'s Improved Bush Lima. 70 days. Similar to Burpee's Bush Lima, except smaller. **Pkt., 5c; ½ lb., 20c; 1 lb., 35c; 5 lbs., $1.50.**

Burpee's Improved Bush Lima. 75 days. Plant large, heavily productive. Pods large, 4½ to 5 inches long; usually contain 4 large, thick beans. Dry beans large, flat, greenish white. **Pkt., 5c; ½ lb., 20c; 1 lb., 30c; 5 lbs., $1.25.**

POLE LIMA BEANS

St. L. S. Co.'s Genuine Butter. 80 days. These Beans have a creamy white color, in large pods; more delicious than the ordinary Lima Bean. **Pkt., 10c; ½ lb., 25c; 1 lb., 45c.**

King of the Garden. 88 days. The true "King" of the Limas. The favorite of the market gardeners on account of its long, well filled pods. **Pkt., 5c; ½ lb., 20c; 1 lb., 30c; 5 lbs., $1.25.**

Small White Lima (or Sieva.) 82 days. A very reliable heavy yielding, early variety. The earliest of the Pole Limas, bearing green shell beans in 78 days. **Pkt., 5c; ½ lb., 20c; 1 lb., 30c; 5 lbs., $1.25.**

Henderson's Bush (Baby Lima). 65 days. Popular for canning. Plant medium large, productive. Pods small, 3 inches long, contain 3 to 4 seeds. Green shell beans small, flat, of splendid quality. **Pkt., 5c; ½ lb., 20c; 1 lb., 30c; 5 lbs., $1.00.**

Kramer's Bush Lima. 70 days. An excellent variety. Pods 4½ to 5 inches long, containing 4 seeds, very productive, splendid quality. **Pkt., 10c; ½ lb., 25c; 1 lb., 45c.**

Broad Windsor. 85 days. An old-fashioned English shell Bean. Dry beans very large and yellowish green. **Pkt., 10c; ½ lb., 25c; 1 lb., 45c.**

PRICE OF BEANS—Delivery Charge Extra

	10 lbs.	25 lbs.	100 lbs.
St. L. S. Co.'s White Cornfield	$2.00	$4.75	$18.00
Kentucky Wonder	1.50	3.50	13.00
King of the Garden	1.70	4.00	15.00
Small White Lima	1.70	4.00	15.00
Burpee's Imp. Bush Lima	1.80	4.25	16.00
Improved Bush Lima	1.80	4.25	16.00
Henderson's Bush Lima	1.50	3.50	13.00

Beets

Seed should be sown at the rate of one ounce to 50 feet of row; 5 to 6 lbs. to acre. The rows should be spaced 16 to 18 inches apart. Work the soil well and cover the seeds about ½ inch deep.

Boston Crosby. 54 days. An exceptionally good selection from Crosby's Egyptian, being more "globe-shaped"; with a smaller top and tap root, maturing in 63 days. Roots are remarkably uniform, very dark red; flesh deep purplish red. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c; 5 lbs., $4.00.**

Detroit Dark Red (Selected). 55 days. The standard of excellence in table Beets for home and market garden, for shipping, and for canning. Tops uniform, small, slender, erect. Roots globe-shaped; very dark blood-red. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c; 5 lbs., $4.00.**

Early Red Beauty. The color is deep, dark red without zoning, roots are smooth perfectly globular, of uniform shape and size with slender tap roots. **Pkt., 10c; oz., 15c; ¼ lb., 40c; 1 lb., $1.25; 5 lbs., $5.50.**

Extra Early Egyptian. 50 days. Particularly valuable for early market. Tops small and upright; roots flattened, with long slender tap roots; flesh dark purplish red zoned lighter. **Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c; 5 lbs., $3.25.**

Early Table. 54 days. The roots are very smooth, even in size and shape, which is almost perfectly globular. The tap root is slender and the root pinches closely at the base of the tap root. The skin is smooth and very dark red. Fine for market garden, also canning and pickling Beet. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c; 5 lbs., $4.00.**

Early Wonder. (Selected.) 54 days. This is the earliest Beet for bunching purposes. Deep blood-red, nearly globular root, small sized top. Its attractive appearance make it valuable for market garden. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c; 5 lbs., $4.00.**

Crosby's Egyptian. (Selected.) 56 days. The roots are flattened globe-shaped and very smooth. This is one of the best for early planting outdoors and is much used for bunching. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c; 5 lbs., $4.00.**

Edmand's Blood Turnip. 60 days. A desirable second early market Beet, suitable also for the home garden. Roots nearly round; color dark red. **Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.**

MANGEL WURZEL OR STOCK BEET

One ounce of seed plants 100 feet; 5 lbs. per acre.

Giant Half-Sugar, Rose Top. Roots long, oval, tapered; grayish white with rose colored shoulder; flesh white, rich in sugar. **Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 50c.**

Mammoth Long Red. Roots very large; long spindle shape, straight and thick; grow one-third to one-half out of ground; light red; flesh white tinged with rose. **Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 50c.**

SWISS CHARD OR BEET SPINACH

Large Ribbed White (Silver Leaf). The leaves are broad, somewhat waved but smooth and are of a medium light yellowish green color. The stalks are broad and flattened, but tender and succulent. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 75c.**

Lucullus. A delicious variety having pale green leaves which are crimped and curled. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 75c.**

Swiss Chard

BORAGE

A hardy annual used as a pot herb and for bee pasturage. The bruised leaves immersed in water give it an agreeable flavor and are sometimes used in salads. **Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., $1.50.**

BROCCOLI

Closely allied to the Cauliflower. It is generally considered rather more hardy. Sow seed in frames early in spring, culture same as cauliflower.

Green Sprouting Calabrese. The plants form a large, solid head which remains green. After this head is cut out, a number of sprouts develop from the leaf-axils, each sprout terminating in a small head about one inch in diameter. **Pkt., 10c; oz., 30c; ¼ lb., 80c; 1 lb., $2.50.**

BRUSSELS SPROUTS

They are grown wherever conditions are favorable for late cabbage and require the same culture. They mature best in the autumn after the weather becomes cool.

Long Island Improved. Plant dwarf and compact; 20 inches tall; very uniform; stem well covered with firm, round, cabbage-like balls of 1¼ to 1½ inches in diameter. **Pkt., 10c; oz., 25c; ¼ lb., 75c.**

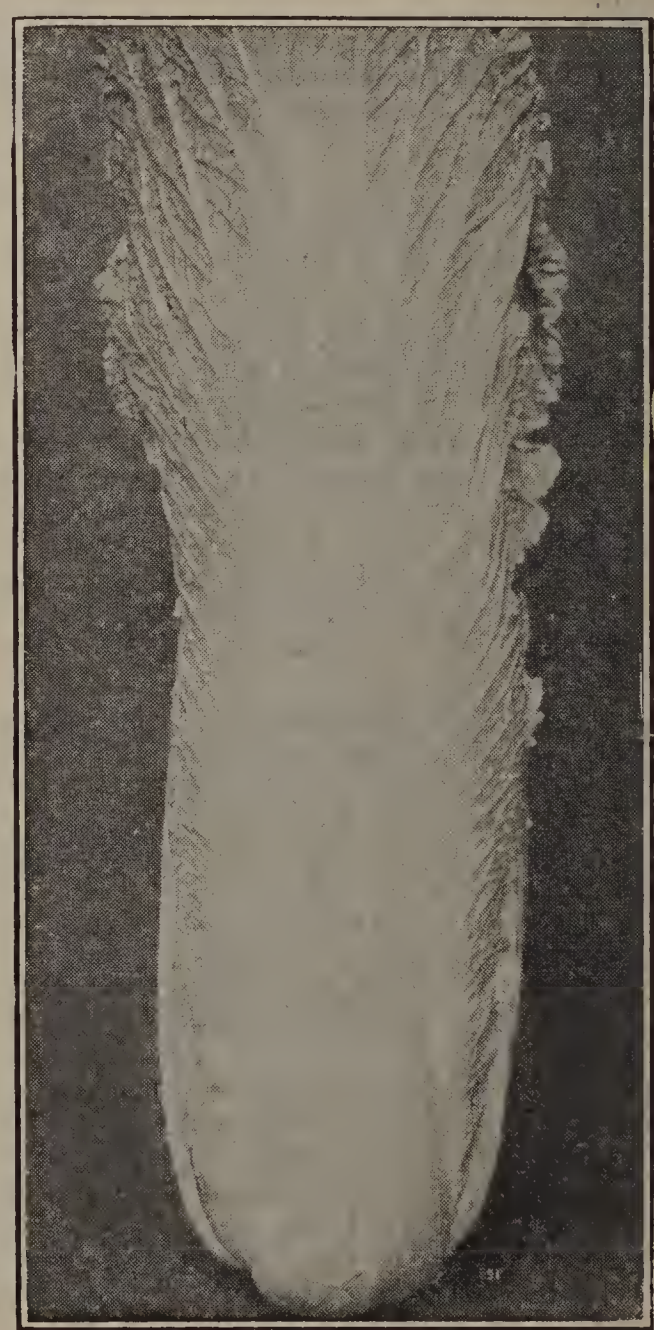
CHINESE CABBAGE

This is not a true Cabbage and is often called Celery Cabbage on account of the shape of the heads which resemble celery. The leaves are more like those of turnip in color and texture. The flavor is distinct. It combines the qualities of both celery and cabbage and is highly prized as a salad vegetable. Plant seed out-of-doors at the same time as turnips. Thin to 12 to 16 inches apart in the rows. If planted too early this species will "bolt" during hot weather and fail to form heads.

Broccoli

Wong Bok. A comparatively short type with blocky heads, 8 to 10 inches tall, tightly folded and are rich creamy white in color. **Pkt., 10c; oz., 20c; ¼ lb., 65c; 1 lb., $1.90.**

Chihli. This is a sure heading, vigorous growing variety with erect, dark green, roughened leaves which enclose a cylindrical pointed head 18 to 20 inches long. **Pkt., 10c; oz., 20c; ¼ lb., 65c; 1 lb., $1.90.**



Chinese Cabbage

Cabbage

One ounce will produce about 2000 plants; ¼ lb. seed in beds will produce plants for one acre.

Culture: Sow the early kinds in hotbeds in February and March, and in the open ground in April and May. The late varieties for fall and winter use sow in May, and transplant from the 8th to the 25th of July. Plant the early sorts 20 inches distant in a row and 2 feet between the rows; the later sorts 2½ feet each way. To be well grown, Cabbages require a deep, rich loamy soil.

EARLY VARIETIES

All Season or Surehead. 85 days. The name best describes this variety as it is sure-headed, of the flat Dutch type of heads and a first class main crop. The heads are very large, extremely hard and solid. **Pkt., 10c; oz., 20c; ¼ lb., 65c; 1 lb., $2.25.**

Charleston or Large Wakefield. 70 days. The exceeding hardiness and size of this first early variety have made it very popular. It is especially recommended for succession to follow Jersey Wakefield. **Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 75c; 1 lb., $2.50.**

Copenhagen Market. 65 days. A perfect, tightly folded head averaging 5 to 8 pounds in weight. The compact growth of the plant, the solidity of the head, its excellent flavor, and extreme earliness—all combine to make Copenhagen Market one of the most popular early Cabbages. **Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; 1 lb., $2.50.**

Early Dwarf Flat Dutch. 70 days. Excellent for home and market garden. Plants small and compact; stem short. Heads almost ball-shaped; commonly 7 to 8 inches in diameter, 6 inches deep, and weigh 4½ to 5 lbs.; firm and of high quality. **Pkt., 10c; oz., 20c; ¼ lb., 65c; 1 lb., $2.25.**

Early Jersey Wakefield. 62 days. Extremely early variety, very valuable for home and market garden. Heads firm and conical, usually 7 inches long, 5 inches thick near base; weight 2 to 2¼ lbs. **Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 75c; 1 lb., $2.50.**

Golden Acre. 62 days. A very fine sort from Denmark. The earliest round headed Cabbage; especially valuable for early market and shipping. Plants very small and compact; stem short; heads uniformly round; firm, commonly 6 inches in diameter and weigh 3 pounds. This is similar to Copenhagen Market but is several days earlier, and the heads are smaller. **Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 90c; 1 lb., $3.00.**

SAVOY OR CURLED CABBAGE

Early Dwarf Ulm Savoy. A very early and superior dwarf variety of fine quality. **Pkt., 10c; ½ oz., 20c; oz., 35c.**

Perfection Late Savoy. The best of the main crop and late Savoys for home use or market. **Pkt., 10c; ½ oz., 20c; oz., 35c.**

Golden Acre Cabbage

LATE VARIETIES

Marion Market. (Yellows Resistant.) 85 days. This was originally bred up from Copenhagen Market, but differs from the latter in several respects. It takes about 20 days longer to mature. **Pkt., 10c; oz., 30c; ¼ lb., 90c; 1 lb., $3.25.**

Superior Late Flat Dutch. 100 days. We recommend this sort for markets that require a very large and deep head. The plants are large, fairly compact but distinctly vigorous with medium length stem and large outer leaves. **Pkt., 10c; oz., 20c; ¼ lb., 65c; 1 lb., $2.25.**

RED CABBAGE

Early Red Erfurt. This is a favorite variety with those who like Red Cabbage. The heads grow medium size and are practically ball-shaped. **Pkt., 10c; ½ oz., 20c; oz., 35c.**

Mammoth Rock Red. The largest and surest heading red Cabbage. **Pkt., 10c; ½ oz., 20c; oz., 35c.**

Selected Cauliflower Seed

One ounce of seed will produce from 3000 to 4000 plants.

Culture: For spring and early summer crop, sow in February or early in March in hotbed. Seed should be thoroughly pressed into the ground after sowing. This insures quick germination. Cover seed with ⅛ inch of fine soil. Transplant to cold frame when sufficiently large to handle. As soon as danger of hard freezing is over set in the open ground in rows 2½ to 3 feet apart and 18 inches apart in row. The plants will endure a slight frost.

St. L. S. Co.'s Super Snowball. 65 days. This Snowball is healthier and more vigorous than any of the old stocks. The head is perfectly protected by leaves until it reaches a size of five inches in diameter, when only it needs to be tied up; and then, if growing conditions be favorable, the head will attain marketable size in a few days' time. **Pkt., 10c; ¼ oz., 65c; oz., $2.00; 4 ozs., $7.00.**

Early Snowball. 54 days. It is admirably adapted for forcing or wintering over for early crop and is the most popular sort for these purposes, also one of the best sorts for late summer and fall crop. The plants are compact, with few short, outside leaves and are well suited for close planting. The heads are of medium to large size, solid, compact, round, very white. **Pkt., 10c; ¼ oz., 50c; oz., $1.50; ¼ lb., $5.00.**

CARDOON

Large Smooth. A tender and richly flavored variety which blanches easily and makes an attractive appearance. **Pkt., 10c; oz., 25c; ¼ lb., 75c; 1 lb., $2.75.**

Carrot

One ounce will sow 100 feet of drill.

Culture: April is the time to sow for early use. Sow seeds in drills 12 to 15 inches apart, covering seed about ¼ inch. For general crop sow in May and June.

Chantenay Early Half-Long Scarlet. 70 days. Extra fine. This extensively used, half-long early variety has small tops and is excellent for the market or home garden. The roots are bright orange. This variety is of the finest quality and is one of the most symmetrical and handsome of the medium sized sorts. The mature roots are usually five to six inches long. **Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., $1.10.**

Red-Cored Chantenay. 70 days. This is a distinct improvement over the well known Chantenay. Roots 5½ to 6 inches long, 2¼ inches thick at the shoulder, tapered, stump-rooted; flesh and core reddish orange. **Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., $1.10.**

Danvers Half-Long. (Selected.) 75 days. For a general crop Danvers Half-Long Carrot stands supreme; a half-long orange Carrot. The tops are of medium size. The mature roots are 6 to 8 inches long. **Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., $1.10.**

Imperator (Bunching Carrot). An unusually fine appearing variety of high quality roots, rich orange, very little core, and of fine sweet flavor. **Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., $1.10.**

Nantes. 70 days. Roots bright orange, 5 to 6 inches long, 1¼ inch in diameter, stump rooted. Practically coreless and of finest quality. **Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.10.**

Ox-Heart or Guerande. 70 days to produce roots of good table size. Roots scarlet-orange; broad, blunt, heart-shaped; become 4½ to 5 inches long. **Pkt., 5c; oz., 15c; ¼ lb., 35c; 1 lb., $1.00.**

St. Valery. 85 days. The roots are very deep orange, long and comparatively thick, often 12 inches in length and 3 inches in diameter at the crown, tapering regularly to a point. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.**

Celery

One ounce will produce about 3000 plants.

Culture: The proper time to sow is early in April, transplanting about the first of June. Set in rows 3 feet apart, and about 8 inches between plants in the row.

Florida Golden. A selection from Golden Plume, bred for taller growth, and larger, thicker stems. Matures early. Hearts blanch to a rich cream color of exceptionally fine quality. Plants full hearted and compact. **Pkt., 10c; oz., 30c; ¼ lb., $1.00.**

Golden Detroit. This is a pure selection of the Dwarf Golden Self-Blanching type. The handsome plants are heavy, very compact, stems are broad, and very thick. **Pkt., 10c; oz., 35c; ¼ lb., $1.25.**

Golden Plume. This strain of Celery closely resembles the old Golden Self-Blanching in crispness and flavor, but is distinctly larger and ranker in growth, more plainly ribbed, blanches more quickly, matures earlier. **Pkt., 10c; oz., 35c; ¼ lb., $1.25.**

White Plume. The plants are of vigorous growth. They blanch easily and quickly to a pure white. **Pkt., 10c; oz., 25c; ¼ lb., 75c.**

Curled Celery. Used for flavoring soups, etc. **Pkt., 5c; oz., 20c; ¼ lb., 65c.**

Golden Plume Celery

CELERIAC
(Turnip-Rooted Celery)

Giant Prague. An improved variety of turnip-rooted Celery producing large tubers of nearly globular shape and comparatively smooth surface. **Pkt., 5c; oz., 20c; ¼ lb., 65c; 1 lb., $2.00.**

CHICORY

Sow seed as early in the spring as the ground can be prepared, in rather light, moderately rich soil, in rows 2 to 2½ feet apart.

Witloof Chicory. The seed should be sown during April in the open ground, in drills 10 to 12 inches apart. Allow the plants to grow until November, then take up and trim off the outer leaves. Then place in a trench 8 to 12 inches deep, placing the roots upright, about 1½ inches apart. **Pkt., 10c; oz., 15c; ¼ lb., 50c; 1 lb., $1.75.**

Chicory, Large Rooted. The dried and prepared roots are used quite extensively as a substitute or adulterant for coffee; the leaves are used for salad. **Pkt., 10c; oz., 15c; ¼ lb., 50c; 1 lb., $1.50.**

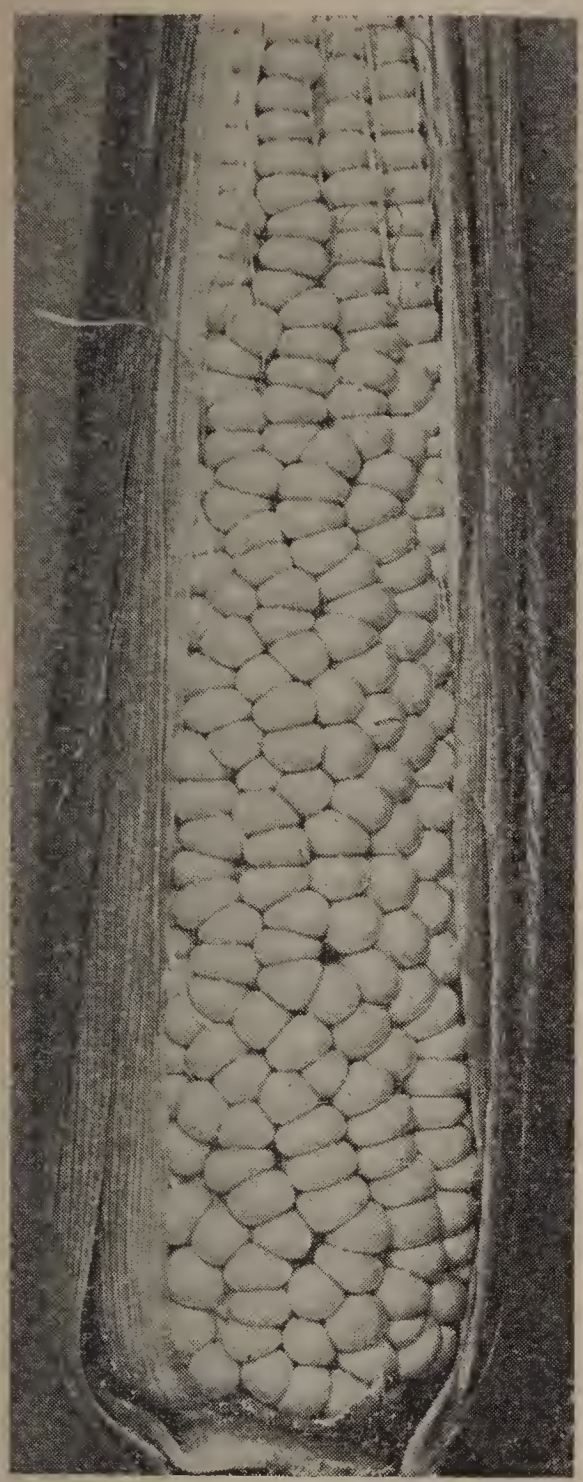
COLLARDS

Georgia or Southern. This vegetable develops a loose-leaved head. It grows 2 or 3 feet high and produces large light green leaves on rather long stems. A frost, if not too severe, will improve the quality. **Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 60c.**

CORN SALAD

Large-Seeded, Large-Leaved. During August or September sow the seed in shallow drills about 1 foot apart, covering with about one-fourth inch of fine soil firmly pressed down. On the approach of severe cold weather, cover with straw. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., $1.00.**

Corn—Sweet or Sugar



Country Gentleman

One pound of seed will plant about 100 hills; 15 pounds an acre in hills.

A rich, warm soil is the best, but excellent Sweet Corn can be raised on any good soil, if it is deeply and thoroughly worked before planting. If planted in hills, make the hills for the early varieties 3 feet apart each way and plant 4 to 6 kernels to the hill. For the later sorts the hills should be 3½ to 4 feet apart each way.

Bantam Evergreen. A cross between Golden Bantam and Stowell's Evergreen, resulting in a large ear of orange-yellow color. They average 8 to 9 inches in length, with 12 or 14 rows of kernels of fine quality. Maturity is in about 90 days. **Pkt., 5c; ½ lb., 15c; 1 lb., 25c.**

Black Mexican. Maturing in 85 days. This is one of the finest flavored Sweet Corns. When in table condition the kernels are pearly white. **Pkt., 5c; ½ lb., 15c; 1 lb., 25c.**

Country Gentleman. Maturing in 100 days. Heavy yielding variety with Evergreen character. Plants 6½ to 7 feet tall, commonly with 2 or more ears, set solid with irregular rows of white kernels; very deep; sweet and tender. **Pkt., 5c; ½ lb., 15c; 1 lb., 25c.**

Early Table. A flinty grain which enables it to be planted very early in cold ground. Height 4 to 4½ feet, maturing in 65 days. **Pkt., 5c; ½ lb., 15c; 1 lb., 25c.**

Golden Bantam. Maturing in 75 days. The ear has eight straight rows of broad, meaty kernels which are a rich creamy golden yellow in color. **Pkt., 5c; ½ lb., 15c; 1 lb., 25c.**

Golden Cross Bantam. 88 days. A sturdy hybrid that stands adverse conditions. Ears are 7 to 8 inches long with 10 to 14 rows of highest quality golden yellow kernels. Produces marked increase in yield and surprisingly uniform stalks and ears. **Pkt., 10c; ½ lb., 25c; 1 lb., 40c.**

Howling Mob. A medium early variety with large ears, averaging some eight inches long, white and of very fine flavor. The ears have 12 rows, maturing in 80 days. **Pkt., 5c; ½ lb., 15c; 1 lb., 25c.**

Stowell's Evergreen. The greatest of the late white varieties, it has been known under the same name for at least forty years. It is the standard main crop variety, bearing thick ears which average well over 8 inches in length, often reaching 9½ inches. It is one of the sweetest varieties known. The ears have 12 rows of deep kernels. Matures in about 100 days. **Pkt., 5c; ½ lb., 20c; 1 lb., 35c.**

PRICES ON SWEET CORN—

Delivery Charges Extra

	10 lbs.	25 lbs.	100 lbs.
Bantam Evergreen	$1.40	$3.25	$12.00
Country Gentleman	1.50	3.50	13.00
Early Table	1.10	2.75	9.00
Golden Bantam	1.40	3.25	12.00
Howling Mob	1.40	3.25	12.00
Stowell's Evergreen	1.40	3.25	12.00
Vanguard	1.60	3.75	14.00

Truckers Favorite. 100 days. Has dual value in producing good crop of feed corn if roasting ear market is unfavorable. Ears 8 to 10 inches, white tender kernels. **Pkt., 5c; ½ lb., 15c; 1 lb., 25c; 5 lbs., 85c.**

Vanguard. Maturing in 70 days. Vanguard is the most profitable early Sweet Corn under cultivation. It is the earliest large-eared Sweet Corn we know of, and it has excellent table quality. About 7 days earlier than Howling Mob. **Pkt., 5c; ½ lb., 20c; 1 lb., 30c.**

POP CORN

South-American. A 12 to 15-rowed variety with smooth bright yellow kernels, which pop large and tender. **Lb., 15c.**

National Eezy Wear Garden Gloves

Sizes: Small, Medium, Large. Per Pair, 75c.

Cucumber

One ounce will plant 50 hills; 2 pounds will plant an acre in hills; 5 pounds in drills.

St. Louis Seed Co.'s Imp. Hybrid Cucumber

Black Diamond. Fruits rich dark green, retaining their color long after pickling. 7 to 8 inches long, 2¾ inches thick, slightly tapered, full at both ends. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., $1.00.**

Davis Perfect. A very fine Cucumber. Beautiful dark green color. Fruits 8 to 10 inches long. tapering at both ends, solid flesh, few seeds. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., $1.00.**

Deltus. A most desirable slicer. It holds its crisp seedless period for a longer time than the average cucumber; flesh firm. Color dark green. **Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., $1.25.**

Early White Spine. This truly is the peerless Cucumber and for slicing it has no equal. Our select strain of this variety is unsurpassed. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., $1.00.**

Gherkin or Burr. An early maturing, very small, dark green Cucumber; an ideal bottle pickle. **Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., $1.50.**

Japanese Climbing. Here is a variety that won't take up so much space in your garden as it easily trails up poles or trellises. **Pkt., 5c; oz., 15c; ¼ lb., 40c.**

London Long Green. The fruits are very long, often 12 to 15 inches when mature, pure yellow when ripe. It is a standard sort for slicing and is very largely used for pickles. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., $1.00.**

St. L. S. Co.'s Improved Green Hybrid. We consider this the finest all around Cucumber in existence. It has a long and straight, attractive shape, with a very rich green color. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., $1.00.**

Snow's Pickling. Is grown almost exclusively for pickling and is ideal for that purpose. It produces fruits of pickling size in 47 to 50 days and is the earliest of the varieties in common use. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., $1.00.**

Straight Eight. This White Spine variety typifies its name, running quite straight, regularly 8 inches long and 2 inches in diameter. Color dark green, free from pale striping, and very productive. **Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., $1.25.**

The striped cucumber beetle is often very destructive to young plants. These beetles are usually kept from doing serious damage by dusting the plants with Slug Shot.

CRESS

Curled or Pepper Grass. The leaves are frilled or curled, and are used for garnishing. The plant is of rapid growth, about one foot high. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.**

Water Cress. Seeds may be started readily in pans or boxes of very moist earth, and when the young plants are well started, they can be transplanted to the running stream. **Pkt., 10c; oz., 30c; ¼ lb., 90c; 1 lb., $3.00.**

DANDELION

One ounce will sow 100 feet of row.

Sow in early spring in rows 18 inches apart, covering firmly with fine soil. Thin or transplant to 10 or 12 inches apart. The leaves are used as salad or as boiled greens. **Pkt., 10c; oz., 40c; ¼ lb., $1.50.**

EGGPLANT

An ounce of seed is enough for 1000 plants.

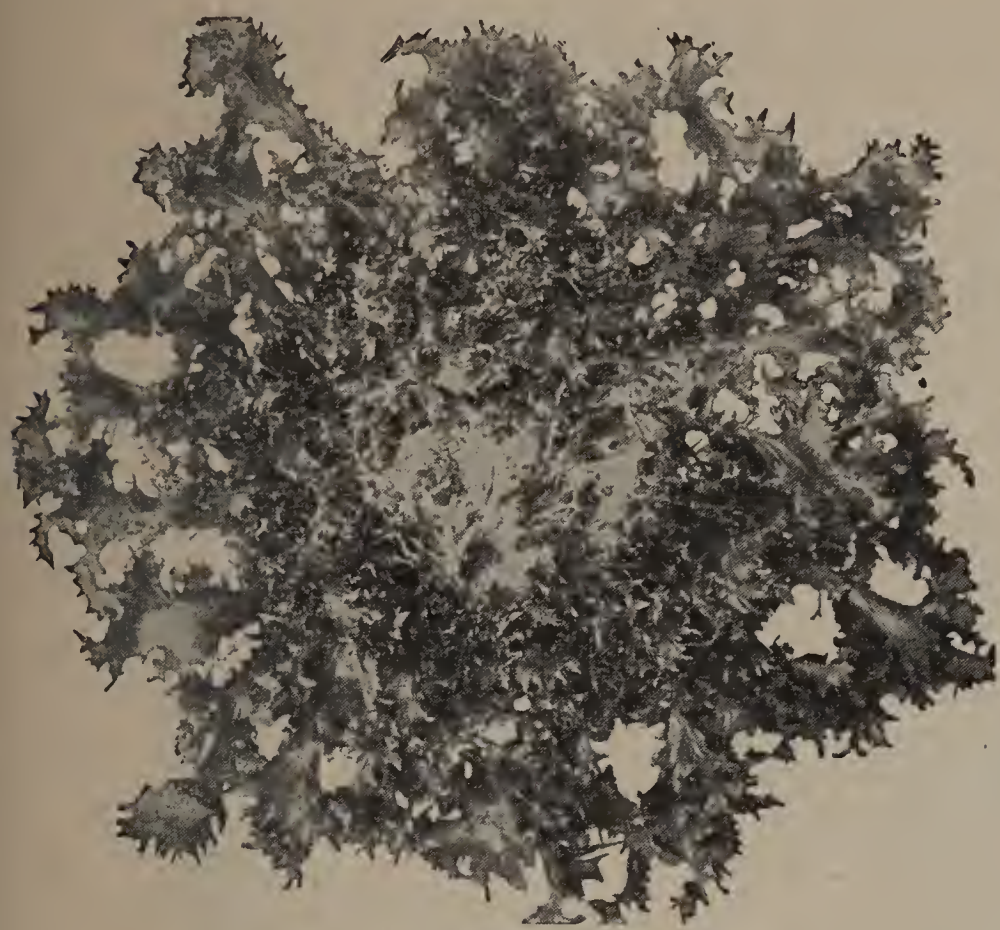
Culture: Start the seed early March in hotbed or boxes and transplant to open ground when danger of frost has passed. The rows should be three feet apart and plants two feet in the row.

Black Beauty. Produces large, egg-shaped or bulbous fruit of fine color and quality. Has no spines, and is the earliest. **Pkt., 10c; oz., 35c; ¼ lb., $1.25; 1 lb., $4.00.**

St. L. S. Co.'s Improved Oval Spineless. The strong bushes are larger than Black Beauty and keep the "eggs" off the ground better. The large dark purplish black fruits are heavy at the base, narrowing toward the top. **Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., $1.25; 1 lb., $4.00.**

FENNEL

Florence. One of the finest Italian delicacies. It has an enlarged leaf base which should have soil drawn up around it when it is the size of a hen's egg. Used as a salad or boiled. **Pkt., 10c; oz., 20c; ¼ lb., 50c; 1 lb., $1.50.**



Green Curled Endive

ENDIVE

One ounce of seed for 50 feet of row; 4 to 5 pounds per acre.

Culture: Sow seed in rows 14 to 20 inches apart, and when well established, thin to one plant per foot. When nearly full grown, blanch by tying the leaves together.

Full Heart Batavian. A distinctly improved form of Broad-Leaved Batavian. Plant medium large with deep, full, compact, well blanched heart of infolded broad leaves. **Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., $1.25.**

Green Curled. (Pink Ribbed.) The leaves of this variety are finely divided, giving a mossy appearance. The center tends to blanch to a delicate white. The plant is hardy and vigorous and especially good for fall and winter use. **Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., $1.25.**

Herbs

Sweet, Medicinal and Pot Herbs

The varieties marked in asterisk (*) are hardy perennials. To preserve herbs properly, cut the stems and leaves just as the plant is coming into bloom, dry them in the shade, and when perfectly dry, wrap them up in paper or store them away in a dry room, or rub the leaves to a powder, pack in bottles and cork tightly.

Anise. An annual herb cultivated principally for its seeds which have a fragrant, agreeable smell and a pleasant taste. **Pkt., 10c; oz., 25c.**

Basil, Sweet. A hardy, aromatic annual. The seeds and stems have a strong flavor and are used in soups and sauces. **Pkt., 10c; ½ oz., 25c.**

Borage. A hardy annual used as a pot herb and for bee pasturage. **Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., $1.50.**

Caraway (Kummel). A well known herb, cultivated for its seeds. **Pkt., 10c; oz., 15c.**

Catnip or Catmint. For seasoning. **Pkt., 10c.**

Chervil, Curled. Used in soup. **Pkt., 10c; oz., 25c.**

Coriander. A hardy annual cultivated for its seed which has an agreeable taste. **Pkt., 10c; oz., 25c.**

Dill Mammoth. An annual of aromatic odor and warm pungent taste. Its seeds are used for seasoning. It possesses medical properties but its largest use is for making dill pickles. Plant branching, 2 to 3 feet high. **Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.**

HERBS—Continued

***Horehound.** A perennial herb with an aromatic odor and a bitter pungent taste. **Pkt., 10c; ½ oz., 25c.**

***Lavender.** A hardy perennial, growing about two feet high. **Pkt., 10c; ½ oz., 25c.**

***Marjoram, Sweet.** The young tender tops and leaves are used green in summer to flavor broths, dressing, etc., and are also dried for winter use. **Pkt., 10c; ½ oz., 20c; oz., 35c.**

***Rosemary.** The leaves are used for flavoring meats and soups, and for medicinal drinks. **Pkt., 10c; ½ oz., 25c.**

***Sage.** Used for seasoning. **Pkt., 10c; ½ oz., 15c; 1 oz., 25c.**

Saffron. Cultivated for its flowers which are used for coloring. **Pkt., 10c; ½ oz., 25c.**

Savory, Summer. The dried stems, leaves and flowers are used for seasoning. **Pkt., 10c; oz., 25c.**

Tarragon (Estragon). For flavoring. The young leaves are used for pickles, etc. **Pkt., 10c.**

***Thyme.** A perennial herb, 8 to 10 inches high, used for seasoning. **Pkt., 10c; ½ oz., 30c.**

***Woodruff.** Fragrant leaves and stems; used for putting among clothes. **Pkt., 10c.**

***Wormwood.** Used medicinally and in liquors; a tonic for poultry. **Pkt., 10c.**

KALE

Sow four pounds to the acre; one ounce will sow 100 feet of drill.

Culture: Where climate permits, seed may be sown any time from February to October. The quality is improved rather than injured by frosts if not too heavy.

Double Curled Scotch. Desirable for winter and spring greens. Leaves are curly like Parsley, tender and of very fine flavor. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.**

Dwarf German for Spring. An improved selection of the ordinary Dwarf German Greens. A superior variety for market culture. **Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c; 5 lbs., $3.50.**

Dwarf German Green Home Grown (for Fall). Largely grown for supplying "greens" during the fall and winter. The plants are hardy. The leaves are very large, deeply curled and fringed. **Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c; 5 lbs., $3.50.**

Tall Scotch. This variety makes beautiful plants, 2 feet or more in height. Leaves are finely curled and very tender. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.**

KOHLRABI

One ounce will sow about 200 feet of drill.

Culture: Seed should be sown in light, rich soil as early in spring as possible in rows 1½ feet apart and when well established thin to 6 inches apart in the row.

Early White Vienna. A standard sort for market and table use. Good for forcing. This variety has a very short top and forms the ball quickly, thus making it a particularly desirable sort. **Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., $1.50.**

Early Purple Vienna. Differs from the Early White Vienna in color only. **Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., $1.50.**

Leek

Culture: Sow early in spring in drills 12 to 15 inches apart, covering ¼ inch deep. Thin plants to 6 inches apart in row.

London Flag. This well known broad leaved leek is hardy, productive, of good quality. **Pkt., 10c; oz., 20c; ¼ lb., 60c; 1 lb., $2.00.**

Lettuce New York

Lettuce

One ounce will produce 3,000 plants

EARLY CURLED VARIETIES

Black Seeded Simpson. Larger and lighter color than Early Curled Simpson. **Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., $1.25.**

Chicken Lettuce. Very hardy, rapid growing, medium light green, non-heading butter type which produces an abundance of leaves. **Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., $1.25.**

Early Curled Simpson. The standard loose-headed variety. Earlier than the heading sorts. **Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., $1.25.**

Grand Rapids. Especially adapted for early family use. A loose-headed Lettuce of pleasing appearance and remarkable table merit. **Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., $1.25.**

Prize Head. Forms a very large loose head, slightly tinged with brown. **Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., $1.25.**

HEADING VARIETIES

Hanson. In every respect an ideal lettuce. It never fails to make large, handsome heads. **Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., $1.25.**

Hardy Green Winter. The standard Winter sort. Of delicious flavor. **Pkt., 5c; oz., 15c; ¼ lb., 40c.**

Iceberg. A sure and hard-heading variety. Outer leaves light green, curly, and finely fringed. Hearts are of a beautiful white color, crisp and tender. **Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., $1.50.**

Mammoth Black Seeded Butter. A fine variety for outdoor planting or for cold frames. It produces extra large heads, very compact, of a fine flavor. **Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., $1.25.**

New York. This is a decidedly crisp, cabbage-heading variety. It is very large and robust growing, rooting deeply, resisting hot, dry weather, is slow to run to seed. **Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., $1.50.**

St. L. S. Co.'s Black Seeded Forcing. The favorite of gardeners who grow for the St. Louis market. Heads are of a medium size, well formed and compact. **Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., $1.50.**

St. L. S. Co.'s Imp. Butter. This delicious variety is of the cabbage type. Every plant is uniformly perfect, nearly all head with but few outside leaves. **Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., $1.25.**

St. L. S. Co.'s Summer. This excellent variety is noted for its extra large and firm heads, and thin leaves of the finest quality. May be sown all through the year and stands heat remarkably well. **Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., $1.25.**

Trianon Cos (Romaine). Head tall and very thick, blunt at top. Leaves are very dark green, crimped, broad-ribbed, and a long narrow spoon shape. **Pkt., 5c; oz., 15c; ¼ lb., 40c.**

St. Louis Market. A great favorite among the gardeners for summer sowing. Its large crisp heads have made this a most popular market variety. **Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., $1.25.**

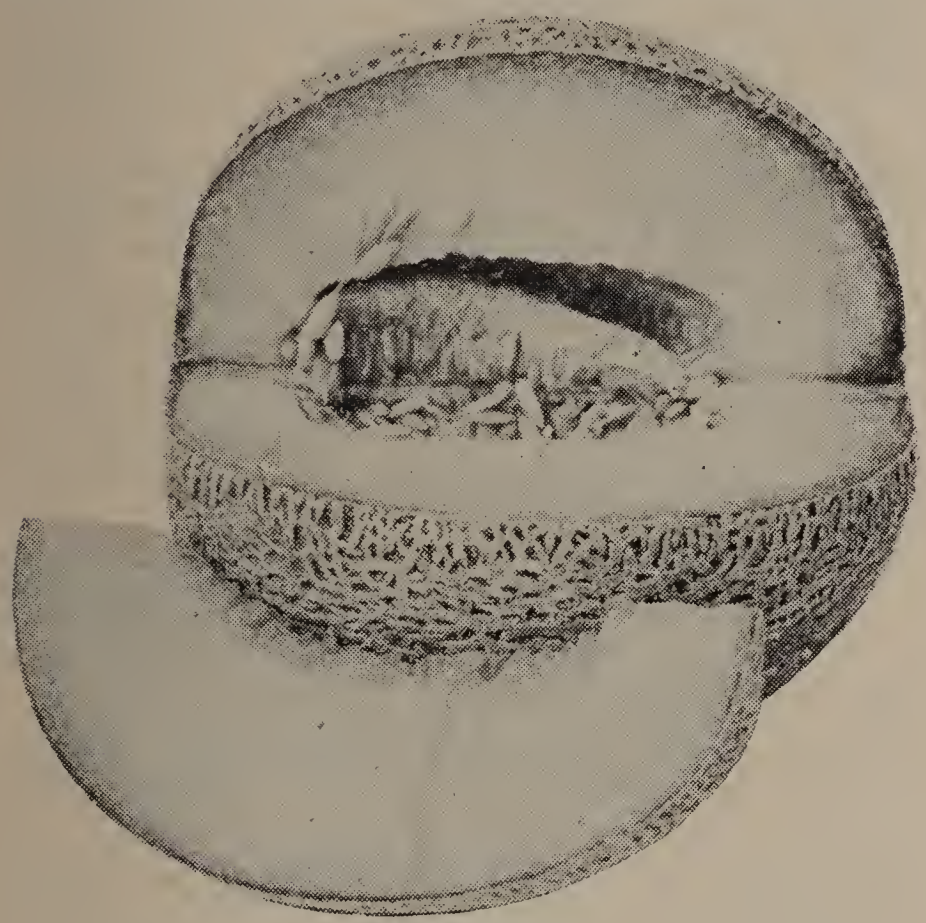
St. L. S. Co.'s Big Boston. Especially valuable for summer and fall use out-of-doors. It is a butter-head type with glossy leaves tinged brown on the margins. **Pkt., 5c; 1 oz., 15c; ¼ lb., 40c; 1 lb., $1.25.**

St. L. S. Co.'s Big Market Gardener. Whether grown in the open ground for early spring or fall use, or in frames for spring, it invariably gives both the grower and user the utmost satisfaction. **Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., $1.50.**

Muskmelon

Maturing from 80 to 85 days.

Culture: A rich, sandy loam is preferable for muskmelons. Sow 10 or 12 seeds in a hill, the hills being four to six feet apart each way, depending on the vigor of the variety. Cover the seeds with about an inch of soil well firmed down. Thin the plants when they begin to crowd, leaving four of the best plants in each hill. Frequent but shallow cultivation until the runners interfere is necessary. Beetles may be kept off by dusting with Slug Shot.



Hearts of Gold

ORANGE FLESHED VARIETIES

Banana. The flesh is of a rich salmon. It grows from 20 to 28 inches in length and is very prolific. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., $1.00.**

Burrell's Gem or Defender. This fine melon is popular for home garden growing. The fruits are normally 7 inches long, distinctly oval in shape, slightly ribbed, and closely netted. The thick fine grained flesh is rich yellowish salmon in color and ripens clear to the rind. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., $1.00.**

Hales Best, No. 36. The earliest shipping melon of outstanding merit. Fruits oval, 7 inches long, 5½ inches in diameter, ribbing indistinct; covered with heavy netting. Flesh thick, color salmon orange. Fine flavored. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., $1.00; 5 lbs., $4.50.**

Tip-Top. Good for early or late; having a sweet, juicy, fine flavor, solid flesh. The fruit is of large size, nearly round, evenly ribbed. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., $1.00.**

Hearts of Gold or Improved Hoodoo. This is an orange fleshed variety of medium size, a desirable midseason sort. The vines are vigorous, blight resisting and very productive. The fruits are nearly round and are of medium size. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., $1.00.**

Rocky Ford Pink Meat (Pollack No. 10-25). The fruits are uniform in size and shape, with well developed gray netting. The rich salmon flesh is deep, very solid, of a luscious sweet flavor, and ripens clear to the rind. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., $1.00; 5 lbs., $4.50.**

Honey Rock. A new introduction that is becoming quite popular. Fruit nearly round; hard gray rind, coarse netting, flesh thick; very sweet and deep salmon color. **Pkt., 5c; oz., 10c; ¼ lb., 35c; 1 lb., $1.25.**

Watermelon

Maturing from 95 to 100 days.

The requirements for raising watermelons are practically the same as for muskmelons except that the vines are more spreading and require considerably more room.

Early Kansas. An exceptionally vigorous grower and heavy producer of unusually fine fruits. Oval in shape, medium size, thin rind, light green with dark irregular stripes. Flesh deep red. **Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.**

Golden Honey. A fine yellow fleshed melon. Fruits large oblong shape, rind dark green with irregular stripes. Flesh tender, crisp, bright yellow. **Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.**

Improved Kleckley's Sweet. This is considered the sweetest of the large melons. Particularly adapted for home garden. Is oblong in shape, about 22 inches long and 12 inches in diameter, weight from 40 to 50 lbs. Rind dark green in color. The flesh is bright scarlet. **Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c; 5 lbs., $3.50.**

Pride of Muscatine. In commercial areas where wilt is prevalent this melon will prove very valuable. It has a dark green rind. The deep red flesh is sweet, crisp, and tender. **Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.**

Stone Mountain (or Dixie Belle). Rich dark green in color with scarlet flesh that is exceptionally sweet. Very few seeds are found in this melon which gives one the impression on first opening that it is all heart. The average weight is 45 lbs. **Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c; 5 lbs., $3.50.**

Schochler. Color dark green stripes almost invisible. Flesh dark red, fine flavored. Very large often weighing from 60 to 70 lbs. **Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.**

Tom Watson. The rind is dark blue-green; the flesh is deep red and very sweet. **Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c; 5 lbs., $3.50.**

Citron. Fruits medium size. Flesh white used for preserves. **Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.**

HOTKAPS—An Individual Hothouse for Every Plant!

25 Hotkaps With Setter, 50c.

SLUG SHOT

Use Slug Shot by dusting on damp plants to combat the **Mexican Bean Beetle, Potato Bug, Cabbage Worm, Slugs, Sow Bugs, Army Worm, Currant Worms, etc.** It is the safest, most effective and most economical general purpose insecticide. It is a product proven by over half a century of successful use. **Price, 1 lb., 25c; 5-lb. pkg., $1.00.**

Mushrooms

Mushrooms

Mushroom Spawn

Mushrooms may be grown in a cellar, cave, hot-bed, or under benches in greenhouse, in fact most anywhere where conditions of temperature and moisture are favorable or can be controlled.

We can supply fresh, pure culture spawn in brick form. Weight about 20 ounces. A brick is sufficient to spawn ten square feet of bed. **Per brick, 25c; 5 bricks, $1.00.**

MUSTARD

One ounce will sow 40 feet of drill.

Mustard runs to seed quickly, so that successive plantings are necessary for a continuous supply.

Fordhook Curled. The plume-like leaves of this variety are closely curled and finely fringed. Medium green color and compact habit of growth. **Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 60c; 5 lbs., $2.50.**

Long Standing Curled. The leaves of this variety are closely curled and finely fringed. A little slower growing than the frilled varieties but longer standing. **Pkt., 5c; 1 oz., 10c; ¼ lb., 25c; 1 lb., 60c; 5 lbs., $2.50.**

Southern Giant Curled. The leaves are large, light green with a tinge of yellow, and much crimped and frilled at the edges. The plant is upright or slightly spreading in growth. **Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 60c; 5 lbs., $2.50.**

Okra or Gumbo

The young seed pods are used in soups, stews, catsup, etc. Highly esteemed in the south. After danger of frost is past, the ground being warm and in good condition, plant in rows about two and one-half feet apart.

Perkins Mammoth Long Pod. Very productive. Pods of an intense green color. **Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 60c.**

Early Dwarf Green. An extra early maturing variety. Very productive. Plants are more dwarf in habit of growth than those of other varieties. Pods short, deep green. **Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 60c.**

White Velvet. The plants are about three and one-half feet high. The pods are white, long, smooth and are tender until nearly full size. **Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 60c.**

Onion

An ounce will sow 100 feet of drill, four to five pounds to the acre for large onions.

Culture: As early in spring as ground can be worked, sow in rich soil, thoroughly pulverized, in rows 12 to 15 inches apart, covering ⅛-inch deep. When 2 or 3 inches tall, the young plants should be thinned to prevent crowding.

Crystal Wax. An extremely mild onion of the white Bermuda type. Bulbs medium size, flat, flesh white. **Pkt., 10c; oz., 25c; ¼ lb., 75c.**

Giant Yellow Prize Taker. A very handsome late or main crop onion of the largest size and nearly globular in form, sloping slightly at the shoulder and base. Skin is yellowish brown. **Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., $1.75.**

Large Red Globe. This most excellent main crop onion produces medium to large sized perfect globe-shaped bulbs with small neck, smooth and glossy, and of deep purplish red color. One of the best keepers. **Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., $1.75.**

Large White Globe. It is sometimes called Southport White Globe. The variety yields abundantly, producing medium to large, handsome and finely shaped clear white bulbs. **Pkt., 5c; oz., 20c; ¼ lb., 60c; 1 lb., $2.00.**

Philadelphia Silverskin. (For pickling). This is a medium sized onion of mild flavor and with beautiful, clear white skin. The variety is a favorite bunching onion, and for pickles. **Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., $1.75.**

Riverside Sweet Spanish. A very large globe-shaped, light yellow onion with small top, exceptionally fine. **Pkt., 10c; 1 oz., 25c; ¼ lb., 75c; 1 lb., $2.50.**

Bunching. The earliest and best shaped onion for early bunching; small bulbs, skin pearly white, flesh of good quality and flavor. **Pkt., 10c; oz., 15c; ¼ lb., 50c; 1 lb., $1.75.**

ONION SETS

Yellow .....**Qt., 20c; gal., 60c; bu., (Write**
Red .....**Qt., 20c; gal., 60c; bu., for**
White .....**Qt., 20c; gal., 60c; bu., Price)**

Onion—Large Red Globe

Parsley

Parsley succeeds best on rich, mellow soil. The seed is slow in germinating and should be sown as early as possible in the spring, in rows 1 to 2 feet apart, covering not more than ⅛ inch with fine soil firmly pressed down. When the plants are well up thin 8 to 12 inches apart in the row.

Extra Triple Curled (Moss Curled). One of the most popular varieties owing to the fine deep green color and attractive foliage which resembles moss because of the tightly curled leaves. **Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c; 5 lbs., $3.50.**

Plain. The leaves are deeply cut, flat, and dark green in color. They are used for flavoring. **Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.**

Hamburg Rooted. The root of this variety is edible and resembles a parsnip in shape. It is extensively used for flavoring soups and stews. The roots may be stored in sand for winter use. **Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.**

Parsnip

As the seed is sometimes slow and uneven in germination, it should be sown as early as possible. Plant in rows two and one-half feet apart; cover ¼ inch deep.

Hollow Crown. This is the most popular and best variety in cultivation. The skin is smooth and the flesh tender. It is sweet and increased in value by moderate freezing. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 75c; 5 lbs., $3.25.**

Pepper

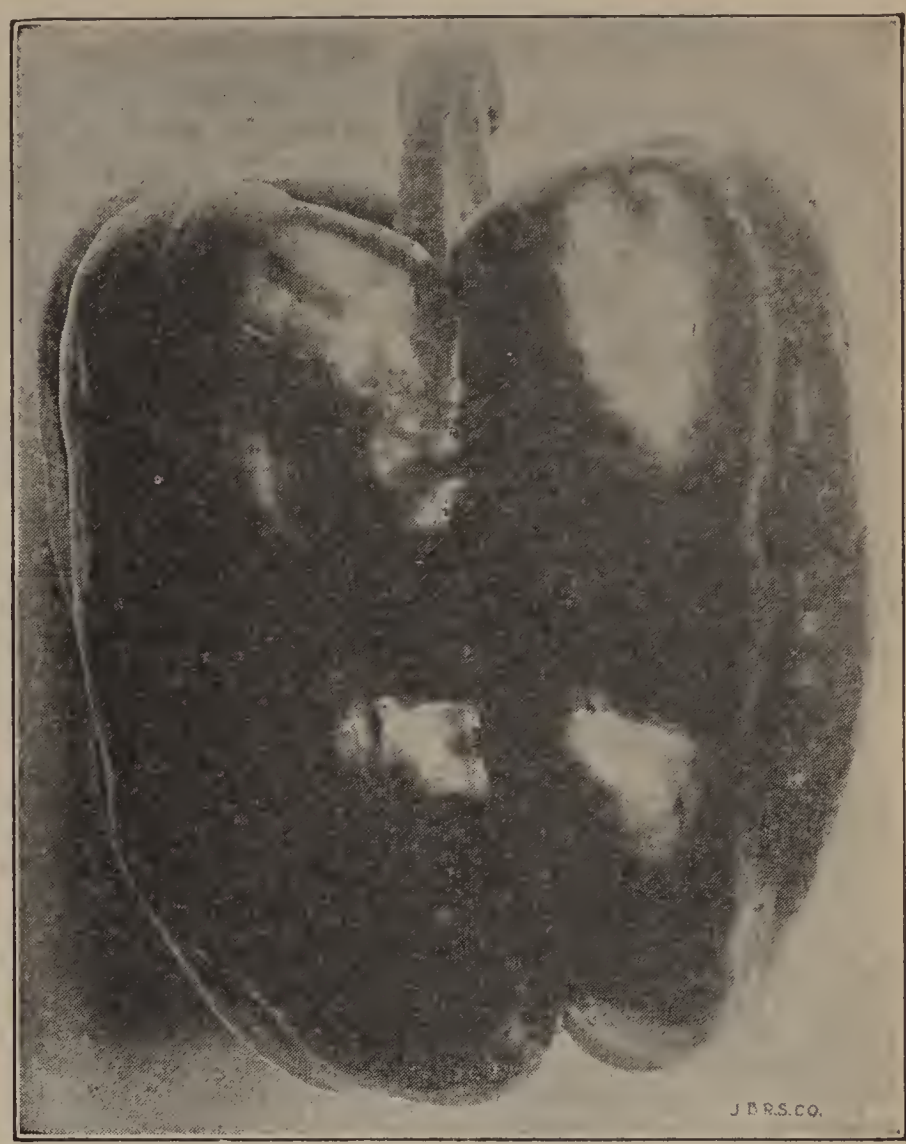
Culture: Sow seed in hotbed in March. After danger of frost is past, transplant into open ground, in rows two to three feet apart and 18 inches apart in the rows. An ounce will produce about 1500 plants.

California Wonder. Thickness of flesh alone, which is often ⅜ of an inch, places this sweet pepper above all others. It is crisp and juicy, too. Vigorous growing plants bear a heavy yield of blocky fruits that become as much as 5 inches long and 4 inches wide. **Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., $1.50.**

Chinese Giant. For size, this variety produces prize fruits. They are often 6 inches across and 4½ to 5 inches deep. The flesh is moderately thick and very mild. The fruits are bright green when young and bright cherry-red at maturity. **Pkt., 10c; ½ oz., 25c; 1 oz., 45c; ¼ lb., $1.50.**

Crimson King. Fruits 5 to 6 inches long and 3 inches in diameter. Color bright green, turning to red as they mature. Flesh thick and mild in flavor. **Pkt., 10c; ½ oz., 25c; 1 oz., 45c; ¼ lb., $1.50.**

Hungarian Yellow Wax. This large fruited, early, hot pepper is highly esteemed for canning. The plants produce a fine crop of fruits 6 to 7 inches long and 2 inches in diameter. They are waxy light yellow at first but change to orange and then to bright red when fully ripe. **Pkt., 10c; ½ oz., 20c; 1 oz., 35c; ¼ lb., $1.25.**



Chinese Giant

PEPPER—Continued

Pimiento. The shape is distinctly conical, medium size. Color, when young, a glossy green turning ruby red when ripe. **Pkt., 10c; ½ oz., 20c; 1 oz., 35c; ¼ lb., $1.25.**

Bell or Bull Nose. An early sweet pepper. Large, bright, red, thick flesh. **Pkt., 10c; ½ oz., 20c; 1 oz., 30c; ¼ lb., $1.00; 1 lb., $3.50.**

World Beater. Fruits are excellent in quality. Flavor mild. Flesh thick, crisp and juicy. Color medium dark green, mostly four lobed. Plants large and branching. A heavy producer. **Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., $1.25.**

HOT—Small Fruited Varieties

Long Red Cayenne. The fruit is 4 inches long and 1 inch thick, twisted and pointed. The flesh is strong and pungent. Recommended for drying. **Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., $1.00.**

Red Chili. Bright red when ripe and are very hot or pungent. They are much used for making pepper sauce. **Pkt., 10c; ½ oz., 25c; 1 oz., 40c.**

Have Every Feature You Want in a Garden Glove

All-Leather—DIRT PROOF—Durable
SOFT — Comfortable — WASHABLE

Easy on the hands and easy to wear!

Economical, too—outwear 6 pairs of ordinary fabric gloves, are washable and can be used the year round for garden, housework, yard, painting, furnace, garage, etc. You'll like them.

Sizes for Women (small, medium, large) for Men (small, medium, large). Price, 75 cents a pair, postpaid (2 pr. $1.40.)

Garden Peas

Culture: Sow in earliest spring, in rows 2 to 3 feet apart, drilling the seed 1 to 2 inches deep. The taller varieties may be sown in double rows 12 inches apart and supported with brush. One pound is enough for 100 feet of row; 2 bushels per acre. A bushel of smooth peas weighs 60 pounds; wrinkled peas, 56 pounds.

Alaska. Pods slightly more than 2½ inches long, straight, blunt and of pale green color. A very popular pea among canners. Vine about 30 inches high. Matures in about 56 days. **Pkt., 5c; ½ lb., 15c; 1 lb., 25c; 5 lbs., 85c.**

American Wonder. The old popular favorite among all who grow peas. The small, dwarf bushes are heavily laden with peas of the finest quality. Maturing 60 days. **Pkt., 5c; ½ lb.. 15c; 1 lb., 25c; 5 lbs., $1.00.**

Gradus. An early, wrinkled pea. Of medium height, about 3½ feet. The pods are 4 inches long, uniform, well shaped. Maturing in 56 days. **Pkt., 5c; ½ lb., 15c; 1 lb., 25c; 5 lbs., $1.00.**

Laxtonian. Dwarf large-podded peas. The blue-green pods are often more than 4 inches long and contain 8 dark green peas of finest quality. The seeds are large, wrinkled, green and cream in color. Maturing in 58 days. **Pkt., 5c; ½ lb., 15c; 1 lb., 25c; 5 lbs., $1.00.**

Little Marvel. As a main crop this is the most desirable dwarf variety. The dark green vines, 18 to 20 inches tall, grow vigorously and are laden with pods 3 inches long. Seeds are wrinkled, and green in color. Maturing 58 days. **Pkt., 5c; ½ lb., 15c; 1 lb., 25c; 5 lbs., $1.00.**

Mammoth Pod Ex. Early. This is without question the best extra early pea for market gardeners. The seed being smooth, it can be planted as early as any of the extra earlies. It is very prolific; pods of a rich dark green color. Height, 3 feet. Maturing in 60 days. **Pkt., 5c; ½ lb., 15c; 1 lb., 25c; 5 lbs., $1.00.**

EDIBLE PODDED SORTS

Tall Melting Sugar. Excellent when cooked like string beans. The vines are very tall, reaching a height of 5 and 6 feet. The pods are over 4 inches long. 70 days. **Pkt., 5c; ½ lb., 20c; 1 lb., 30c; 5 lbs., $1.10.**

Dwarf Gray Sugar. Vines about 2 feet high. Matures in about 60 to 65 days. **Pkt., 5c; ½ lb., 20c; 1 lb., 30c; 5 lbs., $1.10.**

PRICES ON PEAS Delivery Charges Extra.

Mammoth Pod.	10 lbs.	25 lbs.	100 lbs.
Extra early	$1.40	$3.25	$12.00
Alaska	1.20	2.75	10.00
American Wonder	1.40	3.25	12.00
Little Marvel	1.40	3.25	12.00
Gradus	1.40	3.25	12.00
Laxtonian	1.40	3.25	12.00

VIGORO
Complete plant food

Potato Irish Cobbler

Peanuts

Culture: Peanuts can be grown in any part of the country, and in any soil that will grow corn or cotton. A light soil is the best. Sow in May or June, spacing the seeds 8 to 10 inches and the rows 2½ to 3 feet. Do not cultivate after the vines have begun to spread.

Improved Large Jumbo. Pods usually contain 2 large peanuts. **1 lb., 25c; 5 lbs., $1.00.**

Spanish Peanuts. The pods are small, well filled and of fine quality. **1 lb., 25c; 5 lbs., $1.00.**

Seed Potatoes—Northern Grown

Prices are subject to change on all potatoes. Shipping charges to be paid by purchaser.

Culture: Any good, well drained, fibrous loam will produce potatoes under right climatic conditions. For early potatoes the soil should be particularly rich.

Bliss Red Triumph. Color, a beautiful light red. Size, medium. Growth very uniform. Shape, nearly round.

Early Ohio (Red River). Among the standard early varieties it undoubtedly stands at the head of the list. An excellent keeper for such an early variety.

Irish Cobbler. This has become one of the general favorites in all localities for early as well as late planting.

Rural New Yorker. It is very large, usually smooth, oblong, and rather flattened. Flesh white; quality excellent.

WRITE FOR PRICES

DUPONT SEMESAN BEL POTATO DISINFECTANT

2c a Bushel Now Pays for Easy Dip Treatment of Seed Potatoes with New Improved

SEMESAN BEL

It is easily and quickly applied. Just mix one pound of Improved Semesan Bel with 7½ gallons of water, dip your seed potatoes, drain, and plant. One pound of New Improved Semesan Bel treats 60-80 bushels of seed potatoes. Price: 4 oz., 45c; 1 lb., $1.50; 5 lbs., $6.75. By mail add postage.

Place potatoes in a wire basket (one can easily be made from one-inch mesh chicken wire) or any similar open side container and simply dip it with its load of seed into the Semesan Bel mixture until all seeds are completely covered. Then remove immediately allowing the excess liquor to drain back into the treating tub. The seed pieces may be planted right after this treatment or else dried for future planting.

Ask for Semesan Bel Potato Booklet.

Pumpkin

One ounce will plant about 25 hills; 4 lbs. will plant an acre.

Culture: After danger of frost is over plant the seed in hills 8 to 10 feet apart each way. If planted with corn two or three seeds 15 feet apart each way will be sufficient.

Connecticut Field. This sort is grown largely in the cornfield for stock, but the flesh is moderately fine grained. Color, a rich deep orange-yellow. **Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 55c; 10 lbs., $4.50.**

Kentucky Field or Cheese. Standard large pumpkin for canning and for stock feed. Fruits very large, flattened; furrowed, skin creamy buff, flesh extremely thick, deep salmon-yellow, and of good quality. **Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 50c; 10 lbs., $4.00.**

Mammoth King or Potiron. The best large pumpkin in use. Forms immense globular shape, flattened a little at the end. Skin reddish yellow in color and flesh rich orange. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.**

Small Sugar. This variety is small, but of most excellent quality for pies. The fruits are deep orange, round or somewhat flattened and slightly ribbed. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.**

Tennessee Sweet Potato. A good variety for making pies and other cooking purposes. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.**

Radishes

One ounce will sow 100 feet of row; 8 pounds will sow an acre in drills; 12 pounds broadcast.

Scarlet Turnip White Tip (Sparkler).

THE EARLIEST ROUND SORTS

Fire Ball. It is a "Fire Ball" both in growth and appearance and matures in 21 days from the time of germination. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c.**

Philadelphia White Box. The best of the white globe-shaped radishes. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c.**

RADISHES—Continued.

St. L. S. Co.'s Crimson Giant. It is round, bright crimson, attaining a maximum size before becoming pithy, of one and three-quarter inches long by one and one-quarter inches in diameter. **Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 65c; 5 lbs., $2.75.**

Scarlet Globe (Selected Stock). The interior of the root is pure white, mild, crisp and fine grained. Its season is rather short, and it must be pulled reasonably soon after maturity. Recommended for the market garden or for greenhouse forcing. **Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 65c; 5 lbs., $2.75**

Scarlet Turnip White Tip (Sparkler). A very attractive radish of a rich, carmine-scarlet color and tipped white. It is invaluable for forcing or for open air growing. Its flavor is excellent and its qualities have made it stand out above the ordinary varieties for market growing. **Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 65c; 5 lbs., $2.75.**

LONG SORTS

French Breakfast. A rapid grower. Oblong shape, color bright scarlet, tipped white. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 65c.**

Icicle. A magnificent white variety. Grows 3½ to 4 inches long. **Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 65c; 5 lbs., $2.75.**

Long Scarlet Short Top. This is a well known sort with long, bright scarlet roots 6 or 7 inches long, with small top. **Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 65c.**

White Strassburg. The roots are rather thick at the shoulder and are usually somewhat tapering. This is one of the best large, white later sorts. **Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 65c; 5 lbs., $2.75.**

WINTER RADISHES

Culture: Generally sown around July 1st, the same as turnips. The Chinese type develops most rapidly, while the Spanish sorts require about 3 months to reach full size.

Long Black Spanish. 8 to 9 inches long, and 2½ to 3 inches thick at the top, black skin with white flesh. **Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.**

Rose Colored China. Root long, of a fine scarlet color. Extremely solid and a most excellent keeping variety. **Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.**

Round Black Spanish. Good specimens are almost round and measure 3 to 4 inches through. Skin black, flesh white. A fine keeper. **Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.**

White Spanish. Very solid and tender. The best white radish for late fall planting. **Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 75c.**

Destroy Moles

Mologen. A granulated food poisonous to moles, non-poisonous to pets. Easy to use. **½ lb., 50c; 1½ lbs., $1.25; 5 lbs., $4.00.**

DEAD SURE RODENT DESTROYERS

Gas Balls or Tubular Rodent Destroyers. Kill all burrowing pests. Light and place in burrow. No animal or insect can live in gas generated by them.

Gas Balls. **Each, 5c; doz., 50c.**

Tubular Destroyers. **Each, 10c; 4 for 25c; doz., 70c.**

Reddick Mole Trap. **Each, $1.10.**

Schroeter Self-setting Mole Trap. **Each, $2.00.**

RHUBARB
(Pie Plant)
One ounce will sow 125 feet of row.

Rhubarb, also known as Pie Plant, is the earliest spring vegetable and is grown for its leaf stalks which are extensively used for pies and sauce.

Culture: Rhubarb succeeds best in deep, somewhat retentive soil and the richer this is and the deeper it is stirred, the better. Sow in drills an inch deep and thin out the plants to 6 inches apart. In the fall transplant, setting them 3 feet apart each way and give a dressing of coarse manure every spring. Stalks should not be plucked until the second year. When a blossom appears, it should be cut back well into the ground and the plant never allowed to exhaust itself by running to seed.

Myatt's Victoria. A splendid early sort. Stalks are large, very thick, of rich red color, and almost stringless. **Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., $1.75.**

RHUBARB ROOTS

Strong roots, 2 years old, which, if planted in good soil early in the spring, will make a strong growth and yield stalks the following spring.
Selected roots, 15c each; $1.50 per doz. By Parcel Post, add postage, 5c each; 25c per doz. for postage.

SALSIFY OR OYSTER PLANT
One ounce will sow 50 feet of drill.

How to Grow Salsify: Sow early in the spring in drills 15 inches apart, ½ inch deep; thin to 6 inches in rows. Cultivate the same as carrots or parsnips. It is hardy; can remain in the ground all winter for early spring use, but should be taken up before growth starts; take up a supply for use during the winter before ground freezes. Succeeds best in light, well-enriched, mellow soil.

Mammoth Sandwich Island. The best variety. Grows to a large size and is very mild and delicately flavored. **Pkt., 5c; oz., 15c; ¼ lb., 50c; 1 lb., $1.50.**

Spinach Giant Leaved Nobel

Spinach

Culture: Sow early in spring in rows 1 foot apart, cover seed ½ inch. Plantings may be continued until May 15th. Sowing may be made again in September.

Blight Resistant Savoy. This is the strain developed by the Virginia Experiment Station for resistance to "yellows", blight or mosaic. It is a pure Savoy type, but will run to seed quickly in warm weather. For this reason it is used almost altogether for fall sowing. **Pkt., 5c; oz., 10c; ¼ lb., 15c; ½ lb., 20c; 1 lb., 35c.**

Bloomsdale Long Standing. It resembles the old Savoy, but is more compact in growth and a darker green color. Grows a little slower than Reselected Savoy, but will stay in condition for cutting two weeks longer. **Pkt., 5c; oz., 10c; ¼ lb., 15c; ½ lb., 20c; 1 lb., 35c.**

Bloomsdale Savoy-Leaved Reselected (Dark Green). A distinct improvement over the old standard Bloomsdale Savoy, in that it is very early and of better color, blistered and free from pointed leaves. This variety is also used very largely for fall sowing. **Pkt., 5c; oz., 10c; ¼ lb., 15c; ½ lb., 20c; 1 lb., 35c.**

Giant Leaved Nobel. It is the best of the so-called smooth-leaved types. The leaves are thick, rather smooth, rounded, and of great size. **Pkt., 5c; oz., 10c; ¼ lb., 15c; ½ lb., 20c; 1 lb., 35c.**

New Zealand. This variety endures heat and drought; excellent for summer; leaves small and thick. A heavy yielder, growing upright. One sowing can be picked from throughout the entire summer. Germination will be improved by soaking seed in water for 12 hours. **Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 65c.**

PRICES ON SPINACH
Delivery Charges Extra

	10 lbs.	25 lbs.	100 lbs.
Bloomsdale Savoy	$1.50	$3.50	$14.00
Long Standing Bloomsdale	1.60	3.75	15.00
Giant Leaved Nobel	1.60	3.75	15.00
Virginia Blight Res.	1.60	3.75	15.00
New Zealand	5.00		

Sorrel

The improved varieties of sorrel when well grown and cooked like spinach make a palatable dish. Sow in rows early in the spring and thin the seedlings to 6 or 8 inches apart in the row. One may begin cutting in about 2 months and the plants will continue in full bearing from 3 to 4 years.

Large Leaved French. The best garden variety, having large, pale green leaves of fine quality. **Pkt., 10c; oz., 15c; ¼ lb., 50c; 1 lb., $1.50.**

Squash

One ounce will plant 20 hills; 2 to 3 lbs., an acre.

Culture: As Squash plants are very tender and sensitive to cold, plantings must not be made until settled warm weather, about May 5th. Summer varieties should be planted in hills 4 to 6 feet apart each way, winter varieties 8 to 10 feet apart each way.

Cocozelle. This bush variety, sometimes called "Italian Vegetable Marrow," produces oblong squashes often a foot in length, handsomely mottled, dark and light green. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.**

Cucuzzi Caravazzi. Fruits light green, 2 to 3 feet long, 3 inches in diameter. Also called Italian bean. **Pkt., 10c; oz., 25c; ¼ lb., 85c; 1 lb., $2.75.**

Giant Summer Straightneck. The convenient straight shape of this Squash makes it superior to the old Crookneck. Color yellow, large size, warty. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.**

Hubbard. The most extensively grown winter squash. The 12 or 14 pound fruits are spherical in shape, very dark green and somewhat warted. Keeps perfectly all winter. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.**

Mammoth White Scallop Bush. The plant is strictly bush in habit and bears creamy white patty-shaped fruits which are symmetrically scalloped. The flesh is milk-white. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.**

Table Queen or Des Moines. Because of convenience for baking and serving in halves, this little squash has gained great popularity. It weighs only about 1½ pounds and is acorn-shaped, deeply furrowed, and dark green on the outside. The flesh is rich yellow. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., $1.00.**

Yellow Summer Crookneck. Valuable for early crop. The best and richest summer bush squash; skin bright yellow and warty. **Pkt., 5c; oz., 10c; ¼ lb., 30c; 1 lb., 90c.**

Hubbard Squash

Master Marglobe Tomato

Tomato

One ounce will produce about 1,000 plants.

Culture: The tomato flourishes best in warm, light soil, moderately rich. For early use sow ⅛ of an inch deep in January or February in a hotbed, or if only a few plants are wanted, they may be sown in a window box. In order to get the plants strong and stocky, they should be transplanted when 2 to 3 inches high, and a second transplanting later on will add greatly to their stockiness. When all danger of frost has passed, set out in the open ground in rows 3 feet apart and 2 feet between the plants.

Bonny Best. One of the most prolific of the early tomatoes. Medium size, solid, bright red. 95 days. **Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 90c; 1 lb., $3.00.**

Break o' Day. Wilt resistant. Vines vigorous and very productive. An early scarlet fruited variety. Medium to large size and globe-shaped. **Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., $1.25; 1 lb., $4.00.**

Golden Ponderosa. Growth, size and shape similar to regular Ponderosa (yellow fruit). **Pkt., 10c; ½ oz., 25c; 1 oz., 45c.**

Gulf State Market. Particularly valuable for shipping. Fruits purplish pink; large and of uniform size; globe-shaped; smooth and firm. 95 days. **Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., $1.00; 1 lb., $3.50.**

Livingston Globe. A large purplish pink, globe-shaped or very nearly round tomato of excellent quality. 110 days. **Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., $1.00; 1 lb., $3.50.**

Mammoth Large Red. One of the largest smooth, round, red tomatoes. Clear, bright red color. 120 days. **Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., $1.50; 1 lb., $5.00.**

Marvelous (Marhio). A fine new pink, main crop variety, being the same size and shape as Red Marglobe and having its wilt-resisting qualities. **Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., $1.90.**

Master Marglobe. Fruits are uniformly deep globe shape. Its most distinguished feature is the unusual interior solidity. The cross sectors are so heavy that the seed cavities are reduced to a minimum. Days to maturity, 120. **Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., $1.90.**

Tomatoes—Continued

Marglobe. Of fine appearance, and great productiveness. In color it is a most beautiful scarlet, ripening well up to the stem. The "Marglobe" has proven resistant to wilt. 110 days. **Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., $1.00; 1 lb., $3.50.**

Ox Heart. A late large fruited variety of distinct appearance and perfect quality. Heart-shaped, rosy pink, and very solid fleshed, with few seeds. Mildly acid and of pleasing flavor. 90 days. **Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., $1.90.**

Ponderosa (also known as Beefsteak). One of the best for home use. Fruits deep purplish pink; extremely large, commonly 9 to 12 ounces each; deep but flat; very fleshy with few seeds. 100 days. **Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., $1.90.**

St. L. S. Co.'s Improved Excelsior. Is of a dark, glossy, purplish red, very large and very solid. This fruit is produced in clusters of four to six, is large and of perfect shape and retains this size until late in the season. 105 days. **Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., $1.00; 1 lb., $3.50.**

New Stone. The fruits are bright deep scarlet, oval and very deep, exceptionally smooth and uniform in size. 110 days. **Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., $1.00; 1 lb., $3.25.**

Scarlet Topper. Wilt resistant, of the type of plant known as self-topping or self-pruning. Midseason to late and a heavy cropper. Fruits globe-shaped, deep scarlet, smooth, and solid. 95 days. **Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., $1.00; 1 lb., $3.50.**

PICKLING OR PRESERVING VARIETIES

Red Pear. Used for preserving.

Red Cherry. Used for preserving and pickling. Fruit small round and deep red.

Yellow Husk or Ground Cherry. Small yellow fruits enclosed in papery husk.

Yellow Plum. Fruits plum-shaped, clear yellow color.

Yellow Pear. Pear-shaped fruits of deep, clear yellow color.

All Pickling or Preserving varieties. **Pkt., 10c; ½ oz., 25c; oz., 45c.**

Turnips

One ounce will sow 200 feet of drill; one to two lbs. for an acre.

Culture: For early seeding sow flat varieties in open ground in early spring in drills one foot or more apart, using seed sparingly. Thin to 6 or 8 inches apart. For fall and winter sow in July and August.

Amber Globe. Is the staple yellow turnip both for table and for feeding stock. **Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 50c.**

Extra Early Purple Top Milan. Tops small. Roots flat. Purplish-red above, white below. **Pkt., 5c; ¼ lb., 25c; 1 lb., 60c; 5 lbs., $2.50.**

Purple Top White Globe. Roots globular, smooth; bright purplish-red above, white below. Flesh white, firm, fine grained and tender. **Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 30c; 1 lb., 50c; 10 lbs., $4.00.**

Purple Top Flat Strap Leaf. The leaves are upright in growth. The roots are flat, of medium size, purple or dark red above ground, white below. **Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 30c; 1 lb., 50c; 10 lbs., $4.00.**

Seven Top, for Turnip Greens. A foliage turnip for table and forage use. Crown sends up numerous leafy shoots which are excellent for greens. **Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 50c.**

Shogoin or Japanese. An extremely useful sort. It is quick growing and supplies large edible strap leaves as well as smooth globular roots of superior quality. **Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 50c.**

White Globe. Globe-shaped roots. A very good autumn variety. **Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 50c.**

RUTABAGA

Culture: Same as for other turnips, except that the seed is generally sown from the latter part of July and August.

American Purple Top. A hardy productive variety; roots are large, globular in form, with a very small tap root; color, bright yellow with a purple top; flesh yellow. **Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 60c; 5 lbs., $2.50.**

Purple Top White Globe Turnip

Tobacco

Culture: The seed should be sown as early as possible after danger of frost is over. When the plants are about 6 inches high, transplant into rows 4 by 4 feet apart each way. Cultivate thoroughly.

Missouri Broad Leaf. Very productive. **Pkt., 10c; ½ oz., 20c; 1 oz., 35c.**

White Burley. The main crop variety. **Pkt., 10c; ½ oz., 20c; 1 oz., 35c.**

Havana. The leading smoking variety. **Pkt., 10c; ½ oz., 20c; 1 oz., 35c.**

St. Louis Seed Co.'s Selected Seed Corn

Write for prices in larger quantities. Postage extra. Extra charge for bags; 1 bu. cotton, 15c; seamless bags, 25c.

GRADED SEED CORN

We carefully grade all seed corn which we send out, removing the extreme tip and butt kernels so that it is readily planted with edge-dropping planters.

Boone County White. (120 days.) A splendid corn. Ears 9 to 12 inches long, 18 to 24 rows of kernels, medium size white cob. **5 lbs., 35c.**

Champion Early White Pearl. (90 days.) This is the earliest white Dent corn. Grown by gardeners for roasting ears. It is an immense yielding variety. **5 lbs., 35c.**

Gold Bond. Medium in size, remarkably uniform, and of a bright yellow color, with solid, deep grain and small red cob. Has from 18 to 24 rows of kernels on the cob, 50 to 60 grains in the row. **5 lbs., 35c.**

Iowa Silver Mine. (100 days.) Is one of the best known sorts on account of its great popularity and wonderful record. Stalks grow 8 to 10 feet in height and ears set well down toward the ground. **5 lbs., 35c.**

Pride of the North. (90 days.) The great favorite of the extreme Northern States and a most useful variety where a late planting is necessary. The ears run from 7 to 9 inches long, with small cob and deep kernels. **5 lbs., 35c.**

Reid's Yellow Dent. The Most Popular Yellow Dent Corn in the Great Central Corn Belt. (110 days.) One of the best varieties of yellow corn grown. Ear medium in size, remarkably uniform, and of a bright yellow color, with solid, deep grain and small red cob. Has from 18 to 24 rows of kernels on the cob. **5 lbs., 35c.**

St. L. S. Co.'s White Star. (110 days.) This wonderful white Dent corn is known, grown and more extensively planted than any white corn. **5 lbs., 35c.**

St. Charles White, Red Cob. (120 days.) It is a very handsome white corn, set on a red cob and the ears are usually 8 to 10 inches long, 16 to 18 rows of deep, broad kernels. **5 lbs., 35c.**

Recleaned Farm Seeds

Bags extra at cost. Seamless, 25c each.

All Prices on Field Seeds Are Subject to Market Changes. All Orders Filled to the Amount of Remittance at Market Prices When Orders Are Received.

By mail, add postage.

Alfalfa	**1 lb.**	**100 lbs.**
Kansas Extra Fine	$0.45	Write for Price
Northwestern (Utah)	.45	
Grimm (Red Seal)	.50	
Grimm (Blue Seal)	.55	

Sweet Clover	**1 lb.**	**100 lbs.**
White Blossom, Scarified	$0.25	
Yellow Blossom, Scarified	.25	

Red Clover		
Fancy, Recleaned	.50	Write for Price
Imported, Fancy	.35	
Mammoth Sapling	.50	

Alsike or Sewish	
Fancy Recleaned	.45

Lespedeza	
Sericea	.35
Korean	.15

White Clover	
White or Dutch	.75

Crimson Clover	
Fancy Recleaned	.25

GRASSES	**1 lb.**	**100 lbs.**
Brome Grass	.25	
Pasture Mixture		$20.00
Sudan Grass	$0.10	

Pop Corn	**1 lb.**	**10 lbs.**
Golden	$0.25	$2.00

Cowpeas	**1 lb.**	**Bu.**
Whippoorwill	$0.10	
New Era	.10	
Fancy Mixed	.10	

Soy Beans		**Write for Price**
Manchu (Early Yellow)	.10	
Virginia (Early Brown)	.10	
Illini (Imp. Virginia)	.10	
Mixed, fine for Hay	.10	

Oats	
Fulghum	.05
Early White	.05

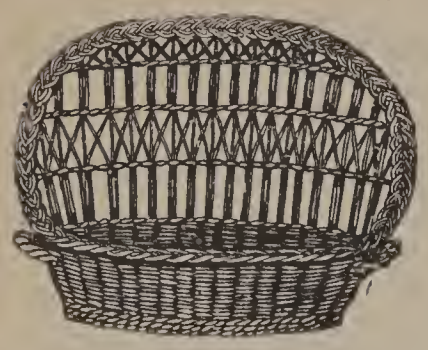
Seed Rye	
Rye, Recleaned	.05

Millet	**1 lb.**	**100 lbs.**
German, Fancy	$0.10	
Japanese or Duck Millet (Used for feeding wild ducks)	.10	

Rape		**Write for Price**
Dwarf Essex	.15	

Vetches	
Hairy Vetch	.25

Miscellaneous	**1 lb.**	**100 lbs.**
Barley	$0.10	
Buckwheat	.10	
Broom Corn	.20	
Cane, Amber Fodder	.10	
Cane, Orange Fodder	.10	
Canada Peas	.10	
Flax	.15	
Grohoma	.10	Write for Price
Kaffir, White	.10	
Hegeri	.10	
Hemp	.10	
Peanuts, Large Jumbo	.25	
Spanish Peanuts	.25	
Sunflower, Russian	.15	
Millet—large yellow	.10	
Milo Maize	.10	

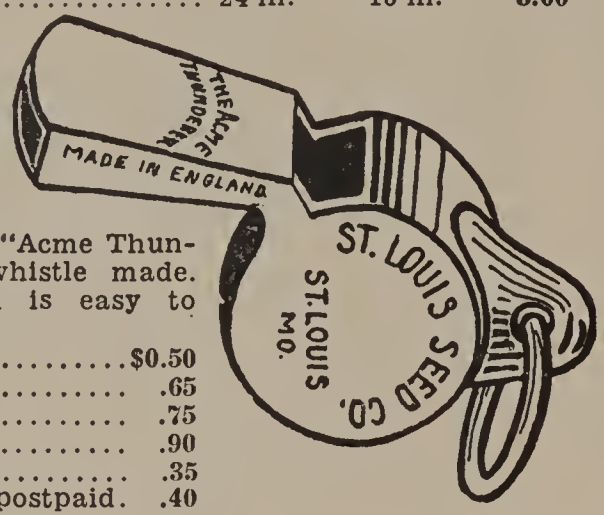


WILLOW SLEEPING BASKETS

For Dogs and Cats. Keeps Them from Sleeping on Beds, Chairs, etc.

	Long	Wide	Price
No. 1—Tiny	16 in.	11 in.	$1.00
No. 2—Small	17 in.	12 in.	1.50
No. 3—Medium	19 in.	13 in.	2.00
No. 4—Large	22 in.	14 in.	2.50
No. 5—Extra Large	24 in.	16 in.	3.00

"ACME THUNDERER" WHISTLE



We believe that the "Acme Thunderer" is the best whistle made. It is very loud and is easy to blow.

Small whistle	$0.50
Medium whistle	.65
Large whistle	.75
De Luxe whistle	.90
Acmeoid (Bakelite)	.35
Buffalo horn whistle, postpaid.	.40
Dog head horn whistle, postpaid	.40

PLAYTHINGS FOR YOUR DOG

Spratt's Sorbo Ball. A rubber ball of great toughness. Excellent for retrieving, spongy center will not hurt dog's teeth. **Price, 40c, postpaid.**

Rubber Bone. An exact imitation of a bone, made of rubber. Excellent for teething pups or for retrieving. **Price, 10c postpaid.**

Sani-Bone. A real smooth bone, boiled in salts and oil to give it additional toughness. Appreciated by all dogs. **Price, 50c, postpaid.**

Indestructible Rubber Ball. Made with a sponge rubber center, with a tough cover. Chocolate scented. Red brown and green. **Price 10c.**

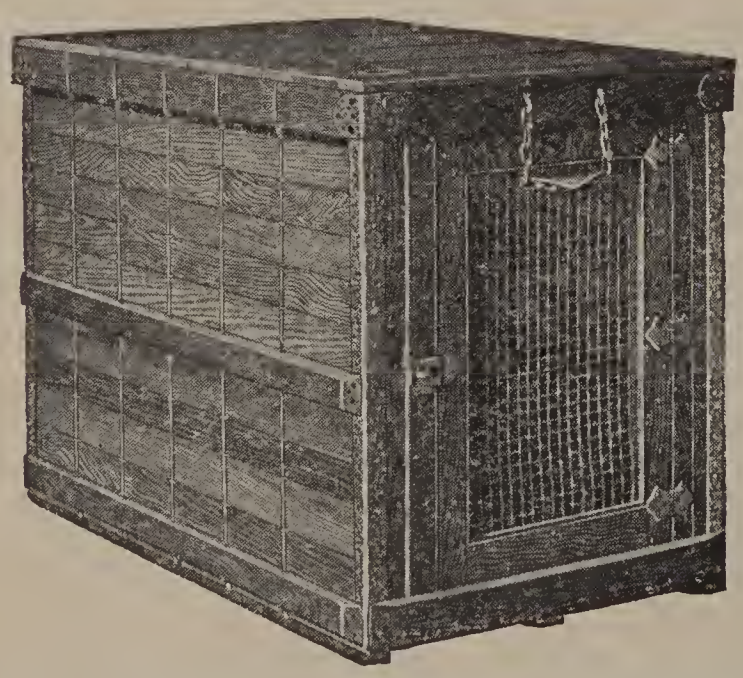
Tingle Ball. A chocolate scented hollow rubber ball with a bell on the inside. Appeals to the sight, hearing and smell. **Price 10c.**

Rubber Rings. Indestructible rubber, chocolate scented. Red and green. A good toy for teething puppies. **Price 10c.**

Happi-Dog Toy. Made of leather. Saves your shoes. Your dog will enjoy the **Happi-Dog. Price 30c.**

Rag Doll. A doll made of burlap. Has a "Mama" whistle on inside. **Price 40c.**

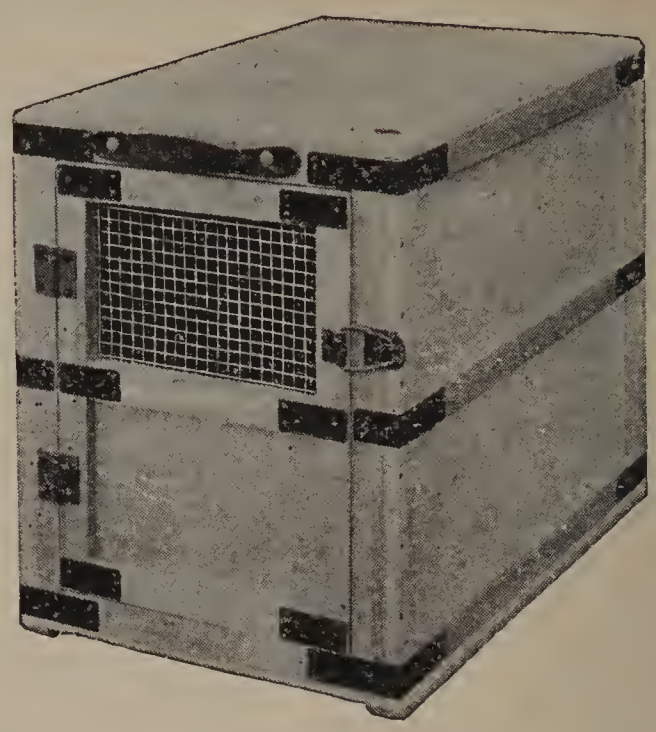
BACKUS UTILITY DOG SHIPPING CRATE



Corners are ironed and riveted and will not pull apart. Heavy iron mesh in door and opening in back for ventilation. Light in weight and stands the roughest usage.

	Inside Measurements Long-wide-high	Weight	Price
No. 91	24 x 16 x 18	24 lbs.	$15.00
No. 92	30 x 19 x 22	37 lbs.	16.00
No. 93	36 x 22 x 26	47 lbs.	17.00
No. 94	42 x 24 x 32	60 lbs.	25.00

ANDERSON NO DRAUGHT DOG CRATE



A high-grade waterproof dog carrier with all the trimmings. Equipped with drinking cup. Strong, yet very light in weight, saving express charges. Will pay for itself on express charges saved. Look at these reasonable prices.

	Inside Measurements Long-Wide-High	Wt.	Price
No. 1—For Wires, Scotties, Welsh	24 x 16 x 20	22 lbs.	$6.50
No. 2—For Airedales, etc.	26 x 20 x 24	30 lbs.	7.25
No. 3—For Collies, etc.	36 x 19 x 26	38 lbs.	8.50
No. 4—For large breeds	38 x 22 x 30	48 lbs.	9.50

All orders shipped via express unless otherwise specified.

CEDAR BEDDING

Made from the heart of the red cedar. Keeps your kennel sweet and clean. Red cedar bedding is insect-repelling and the oil in the cedar keeps your dog's coat shiny. Useful in making your own pillows or dog mattresses.

Price

5-lb. pkg.	$0.50	50-lb. bag	$2.25
25-lb. bag	1.25	100-lb. bag	4.25

SPRATT'S CHEXMATE

A preparation to be rubbed on the female in season to prevent the annoyance of having male dogs being attracted. Complete with full directions. **Price $1.00.**

DOG SLEEPING MATTRESSES

Comfort and protection for dogs against dampness, hard surfaces, colds and draughts. Durable and clean. Eyelet tufted, full of best quality Kapok, khaki-covered.

No. 70—13x18	$0.90
No. 71—15x21	1.15
No. 72—16x23	1.25
No. 73—17x25	1.40
No. 74—18x26	1.60

K. R. O., KILLS RATS ONLY, is a product that dog owners and poultry raisers are looking for. It is harmless to man, dogs, cats, poultry and other domestic animals. However, K. R. O. is deadly poison to rats and mice. K. R. O. is made of powdered squill which attracts rats and mice. They usually die in the open, searching for water. **Price 75c, postpaid. Ready Mixed K. R. O., $1.00.**

AZOA. A rat poison of superior merit. AZOA creates a disease amongst the rats which is contagious, thereby cleaning them out in wholesale quantities. **Postpaid, 50c.**

CARBOLA. Carbola is non-poisonous and non-caustic. It is applied with a brush or sprayer and dries pure white. One pound of Carbola makes one gallon disinfecting whitewash, covers 200 square feet. By mail, add postage. **Trial pkg., 25 ozs., 25c; 5 lbs., 60c; 10 lbs., $1.00; 50 lbs., $3.50.**

GOLDFISH SUPPLIES

SPRATT'S GENUINE WAFERS. The food in general use for goldfish. Made of finest flour. **Price, 10c per pkg.; by mail, 12c.**

EIGHTEEN-KARAT FISH FOOD. A balanced mixture of animal and vegetable matter for all aquarium fishes. **Price 15c per tin; by mail, 17c.**

PEARL CHIPS. Pure white, polished white clam shells. No rough edges. Useful in beautifying your aquarium. **Half pint 10c; 1 pt. 20c; 1 qt. 35c;** by mail, add postage at rate of 1 lb. per half pint.

COMBS

Best Nickel-Plated Steel Combs (Imported)

7 inches long

No. 1. Coarse teeth $1.60
No. 2. Medium teeth 1.60
No. 3. Coarse and fine teeth 1.60
No. X. Very coarse 1.60

These are suitable for Collies, Setters, etc.

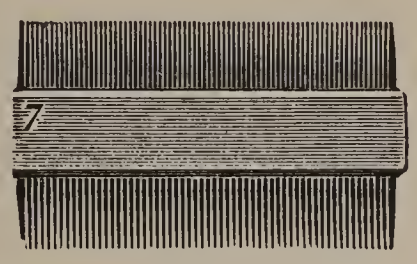
4 inches long

No. 4. Coarse $1.00
No. 5. Medium 1.00
No. 6. Fine 1.25
No. 0. Flea comb 1.25

These are suitable for Terriers, Spaniels, etc.

No. 6 is the celebrated flea comb used on cats and dogs, recommended by leading breeders.

No. 7. Nit comb, double row teeth, one side fine teeth, other side very fine..$1.50



No. 8. Tiny comb. Very fine teeth $1.00
No. S. Flea comb. Long teeth 1.25

Note: We can recommend Nos. 7 and 8 as being most effective for ridding short-haired cats and dogs of fleas.

Nickel-Plated Steel Flea Comb with Wood Handle

No. 6A. Each $1.75

Imported Steel Comb No. 9X

(Nickel-plated), with handle, for rough-coated dogs...$1.25

DUPLEX DOG DRESSER

Makes stripping fun. Any one can use the Duplex Dresser. Price, postpaid, $1.00; additional blades 5 for 50c.

RESCO ACCESSORIES

Resco Nail Trimmer $2.25
Old Master Stripper 1.50
Konkave Nail File 1.00

RESCO FLAME DRESSER

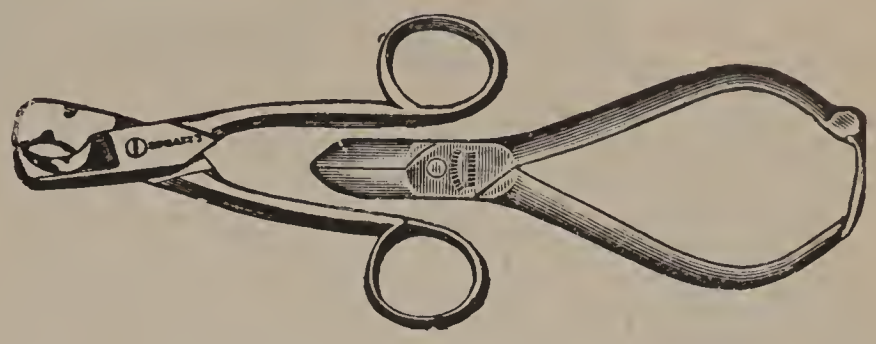
The perfect device for putting on the finishing touches to dress up your dog. Burns off all straggly hair without frightening the dog. An absolutely necessity for show dogs. Price,, $5.00.

Combination Pocket Terrier Stripping Comb and Knife

This combination stripping comb surpasses anything introduced for kennel convenience where rough or wire haired dogs are cared for. As illustrated.
Each $1.75

NICKEL-PLATED NAIL NIPPERS

(As illustrated)



No. 665. Domestic $1.50
Spratt's Nail Nippers, No. 4 ..... 2.00

BRUSHES

Special Brush for Toy Dogs and Cats

An imported brush for Yorkshire Terriers and silky-coated toy Dogs and Cats. Made from the best Russian bristles. Will last for years.

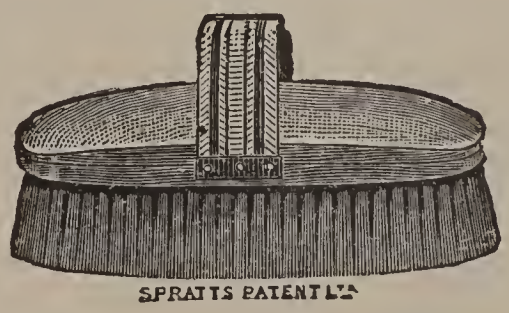
No. 58A. White Bristle, as illustrated $3.25
No. 59B. Black Bristle, as illustrated 2.25
No. 62. White Bristle, as illustrated 2.00
No. 59A. Yellow Bristle, large 3.25

Slanting Bristle Brushes

These brushes are invaluable for Bulldogs, Terriers and other smooth-coated dogs.

No. 1-25. Slanting Bristle Brush, with handle (as illustrated) $1.50
No. 22. Slanting Bristle Brush, small (as illustrated). 1.50

Whalebone Brushes



Suitable for Collies, St. Bernards, Setters, and other rough-coated dogs.

No. 38X. (As illustrated) $2.00
No. 9. (With handle) 1.75
No. 42 ..... 1.50
No. 40. (With handle) 1.50
No. 50. (Small for Terrier) ..... .85

BRALEY STRIPPING KNIVES

Hand-made in three sizes, extra fine, fine and coarse. Price, singly, $2.50 each; set, one of each size, $6.50; in pocket size leather container, $7.50.

NAIL FILES. Good for all breeds. Each $1.50

"P. H." World's Greatest Animal Conditioner and Worm Expeller. Given to the Animal With Its Food

Seventy per cent of all your live stock losses are caused by worms. Get rid of these profit-eating, blood sucking pests—they keep your animals in a run-down, runty, unthrifty condition. Worms sap their strength, spoil their digestion and make them easy prey to dangerous diseases.

"P. H." is used by the largest dog kennels in this country and abroad. Show dogs are conditioned with "P. H." and are kept in the pink of condition at all times by regular use of "P. H.". Owners of racing greyhounds have found "P. H." a wonderful conditioner and wormer for these dogs that must be in top condition to win.

"P. H." is economical to use, as you will save more than the slight cost of "P. H." in food, as your animal will get the full benefit of its food, thus effecting a sufficient saving in the feed bill to more than pay for the "P. H." used. "P. H." is a positive necessity to every large kennel.

"P. H." is the cheapest form of health insurance that you can secure.

Delivered Prices of "P. H."

1½-lb. tins	$1.75	28-lb. tins	$18.75
3½-lb. tins	3.75	112-lb. cases	59.00
7-lb. tins	6.25		

DR. LeGEAR'S POULTRY REMEDIES

	Postpaid
Dr. LeGear's Worm Pills (50)	$0.75
Dr. LeGear's Worm Pills (100)	1.25
Dr. LeGear's Chick Tablets	.50
Dr. LeGear's Headlice Remedy	.30
Dr. LeGear's Lice Powder	.25
Dr. LeGear's Fly and Insect Powder	.30
Dr. LeGear's Poultry Worm Powder (4 lbs.)	1.00

Dr. LeGear's Poultry Prescription, 1¼ lbs., 25c; 3 lbs., 50c; 7 lbs., $1.00; 25 lbs., $3.00.

Dr. LeGear's Dip and Disinfectant, by express only. Quart, 65c; gal., $1.75.

QUADINE

QUADINE is the greatest product ever developed for grooming the dog's coat and skin. QUADINE kills fleas and ticks. QUADINE benefits all skin conditions that can be treated externally, helps control dandruff, falling hair and sarcoptic mange. QUADINE gives your dog a glossy shimmering coat. QUADINE is used on the coats of many of the finest show dogs. Every dog owner should have a bottle of QUADINE on hand at all times.

Postpaid Prices

2-oz. bottle	$ .60	½ gallon	$ 6.50
4-oz. bottle	1.00	gallon	10.00
12-oz. bottle	2.00	5 gallons	37.50

Junior Quadine Set (1 Quadine, Jr., Atomizer and ½-oz. bottle Quadine) ..... $ 1.50

Kennel Introductory Set (1-$3.50 specially designed DeVilbiss Sprayer and 4-oz. [$1.00 size] bottle Quadine) 3.50

K-NO EYE-DROPS

K-No Eye drops are packaged in a dropper equipped bottle, making them easy to use. For mattery eyes. Should be used daily on hunting dogs. This formula has been used for many years in the human clinic by leading eye specialists. Postpaid prices: 1-oz. dropper-equipped bottle, 60c; 4-oz. not dropper-equipped bottle, $1.00.

ALLEN'S LIQUID GARLIC

LIQUID GARLIC is a highly ethical remedy that first established its efficiency in the human clinic. The use of LIQUID GARLIC is indicated in skin ailments resulting from stomach and intestinal disturbances, digestive disorders, worms, difficult breathing, vicarious appetite, constipation, gas, dry hacking coughs and as a general tonic. Postpaid prices: 4-oz. bottle, 75c; 12-oz. bottle, $1.75; ½ gal., $7.50; 1 gal., $12.00.

B. K.

B. K. is a clean, colorless, non-poisonous germ killer. Used in dilution with water. Ten times as powerful a germ killer as undiluted carbolic acid.

B. K. is excellent for sterilizing brooders and incubators. Destroys all strong odors as well as germs.

4 ozs., 30c; 10 ozs., 50c; qt., 90c; 1 gal., $2.00; 5 gals., $8.50. B. K. cannot be mailed.

BIOLOGIC ASSAYED BULK VITAMIN PRODUCTS

At prices you can afford to pay.

No. 13—Halibut Liver Oil

No. 14—Viosterol in Oil

10 c. c. bottle with dropper	$ .35
50 c. c. bottle with dropper	1.50
Pint	16.00

No. 15—Halibut and Viosterol

10 c. c. bottle with dropper	$ .60
50 c. c. bottle with dropper	2.65
Pint	27.50

No. 17—Wheat Germ Oil

10 c. c. bottle with dropper	$ .50
50 c. c. bottle with dropper	2.25
Pint	12.00

No. 18—Vitamin "F"

10 c. c. bottle with dropper	$ .30
50 c. c. bottle with dropper	1.25
Pint	8.50

No. 19—Cod Liver Oil Concentrate

5 c. c.	$ 1.25
10 c. c.	2.25
50 c. c.	9.75

No. 24—Cod Liver Oil and Viosterol

1-oz. bottle with dropper	$ .25
Pint	1.50

No. 26—Kelp and Malt Tablets

No. 27—Kelp, Malt and Vitamins A, B, D, G.

No. 28—Kelp, Malt and Dicalcium Phosphate

No. 29—Kelp and Malt with Yeast and Iron

50 tablets	$ .25	300 tablets	$ 1.00
125 tablets	.50	1000 tablets	2.75

No. 31—ABD Tablets

No. 35—Six Vitamin Tablets

20 tablets	$ .25	125 tablets	$ 1.00
50 tablets	.50	1000 tablets	6.50

No. 32—C.L.O. Concentrate Tablets

30 tablets	$ .25	200 tablets	$ 1.00
75 tablets	.50	1000 tablets	4.25

No. 36—Kelp (Dehydrated) Powder

1 lb.	$ .75
5 lbs.	2.90

No. 1—Halibut Liver Oil Capsules

No. 5—Wheat Germ Oil Capsules

No. 6—Vitamin "F" Capsules

No. 8—Halibut and Cod Capsules

50 capsules	$ .60
100 capsules	1.00
1000 capsules	8.50

No. 2—Halibut and Viosterol Capsules

No. 3—Halibut Natl. Vit. "D" Capsules

No. 4—A. B. D Vitamin Capsules

20 capsules	$ .50	100 capsules	$ 1.75
50 capsules	1.00	1000 capsules	16.00

No. 20—Fish Liver Oil

5 c. c.	$ .90
10 c. c.	1.75
50 c. c.	7.25

WRITE FOR CIRCULAR ON VITAMINS.

Sprayers That Spray

MYERS COMPRESSED AIR SPRAYER

An extra heavy material chamber with a 1¾-inch brass tube cylinder attached to the can by means of a heavy brass screw nut.

No. 2242. Galvanized—4 gal. ..... $ 6.00
No. 2242B. Brass—4 gal. 10.50
No. 2240. Galvanized—2½ gal. 5.25
No. 2240B. Brass—2½ gal. 9.50

HUDSON PERFECTION SPRAYERS

A COMPRESSED AIR SPRAYER that is riveted. An extra strong sprayer. The automatic shut-off nozzle is built for high pressure work. Four-gallon capacity.

Galvanized Perfection ..... **$ 6.50** **Brass** **$10.50**

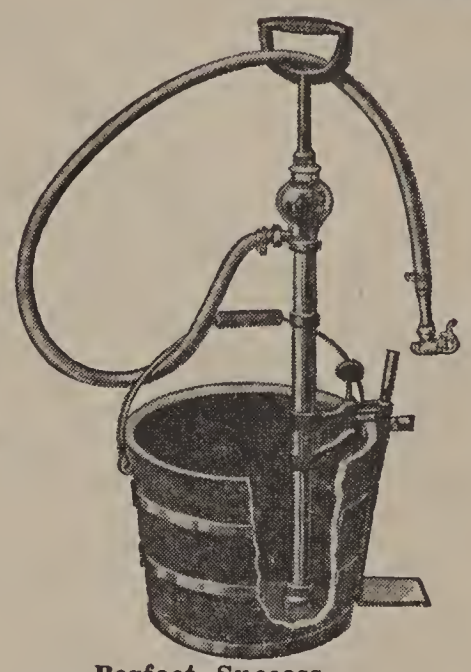
Junior Perfection. A small compressed air sprayer of the "Perfection" type. Capacity 2½ gallons. **$4.50; postpaid, $4.75. Copper, $7.35; postpaid, $7.60.**

DEMING'S PERFECT SUCCESS

Has brass ball air chamber to cushion the stream, giving it uniform pressure. Can be fastened to bucket and entire outfit carried from place to place. Comes with 4 feet ⅜-inch discharge hose and Bordeaux nozzle. **$6.50; by mail, $6.75.**

DEMING'S CENTURY BARREL PUMP

The "Century" is proof against corrosion, as all working parts are brass; fits the flat head or curved side of barrel. Twin paddle type agitator. Brass discharge "Y" for two leads of hose. **$16.00.**



Perfect Success

SPRAY NOZZLES

Bordeaux Nozzle	**$1.00**	**Sprinkling Nozzle**	**$0.30**
Vermorel Nozzle	**.80**	**Male End**	**.25**
Imperial Nozzle	**.40**	**Female End**	**.25**
Y	**.50**	**Bend**	**.25**

BAMBOO EXTENSION RODS

Each, 8 feet long, $4.00; 10 feet, $4.50; stop-cock, $1.00. Myers' Extension Pipe, 4 feet. **Each, 35c.**

MYERS KNAPSACK SPRAY PUMP

Formed to fit operator's back. The only knapsack sprayer with an agitator. Capacity, 4 gallons.

No. 1330a—Galvanized Tank $14.50
No. 1331a—Brass Tank 21.00

HAND DUSTERS

The American Beauty Dust Sprayer—The most powerful hand duster made. Has large, powerful bellows, that throws dust to the top of trees. Has a spiral agitator that crushes and grinds the dust and feeds directly into the moving air blast; does not choke or clog. Has an efficient regulator for discharge control. **Price, $18.00.**

Feeny Duster **$1.00**
Hudson Duster ..... **.30**
Hudson Duster ..... **.85**

MYERS PORTABLE SPRAYER

R 336½B

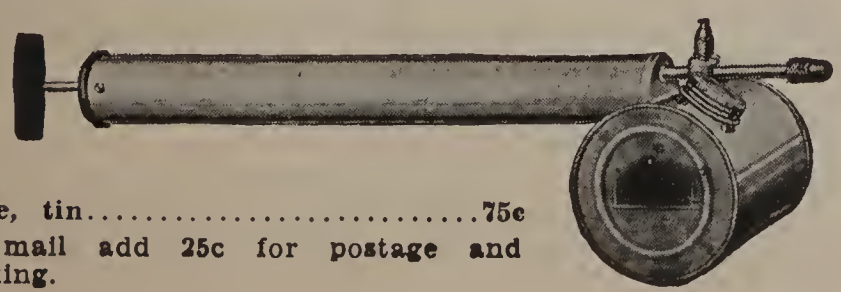
Made of extra heavy galvanized iron. Capacity, 12½ gallons. Pump has patented cog-gear handles. The valves are brass ball with a brass seat. The dasher agitator keeps the material stirred.

This sprayer comes with 15 ft. ½-in., 5-ply discharge hose, 8 ft. extension and Vermorel nozzle.

Each **$26.50**
R 338½B **18.00**

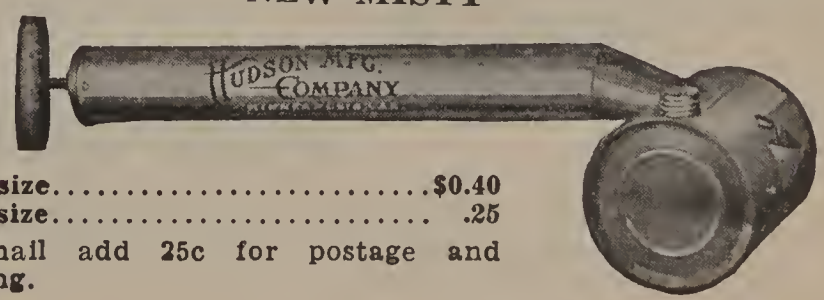
MYERS BARREL PUMP No. 305B—It has a good leverage, is very powerful and easily operated. Complete with one lead of 15-ft. 5-ply discharge hose, graduating Vermorel nozzle and mechanical agitator. Each..... $11.50

CONTINUOUS SPRAYER



Price, tin..... 75c
By mail add 25c for postage and packing.

NEW MISTY



1 qt. size..... $0.40
1 pt. size..... .25
By mail add 25c for postage and packing.

Planet Jr. Farm and Garden Implements

Carefully made of best materials. Save time, labor, money. Specialized tools made by Specialists.

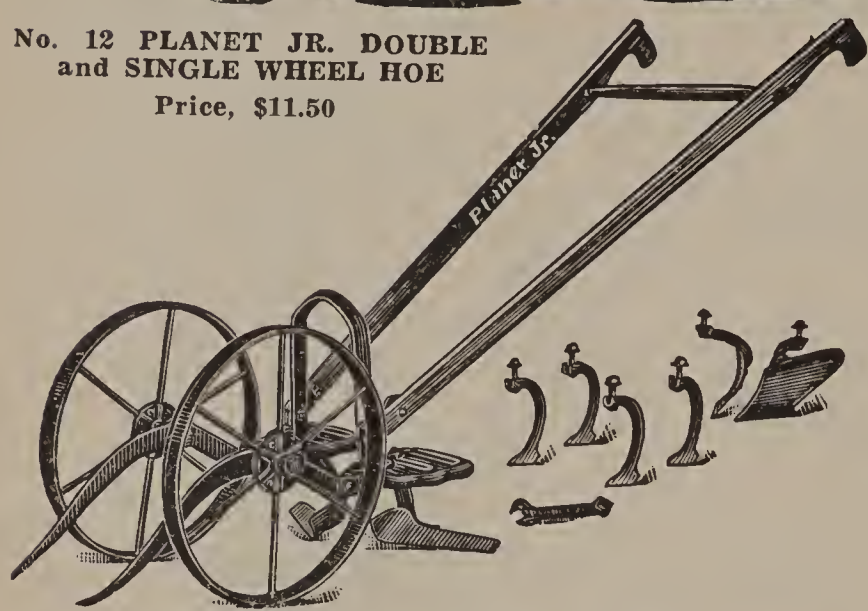
No. 4 PLANET JR. COMBINED HILL and DRILL SEEDER and WHEEL HOE

Complete, $18.75

No. 4D Hill and Drill Seeder, same as the above less the cultivating attachments. $14.75.

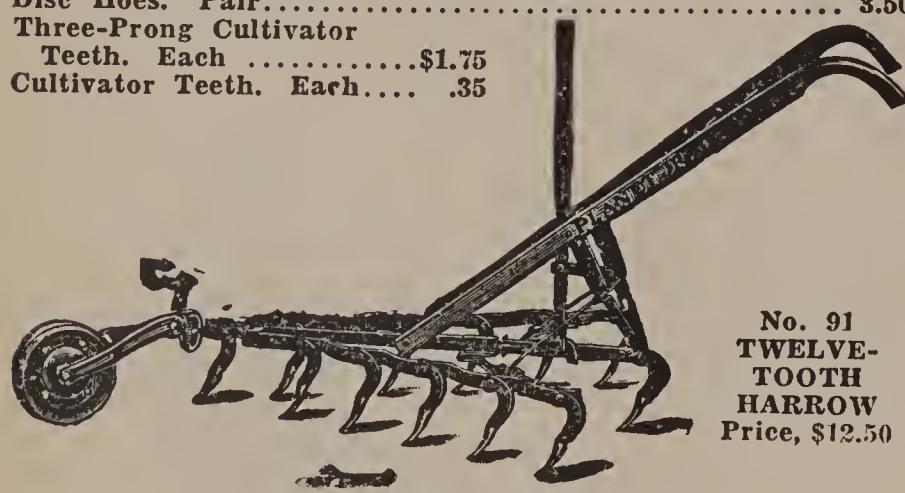
No. 12 PLANET JR. DOUBLE and SINGLE WHEEL HOE

Price, $11.50



EXTRAS FOR PLANET JR. TOOLS

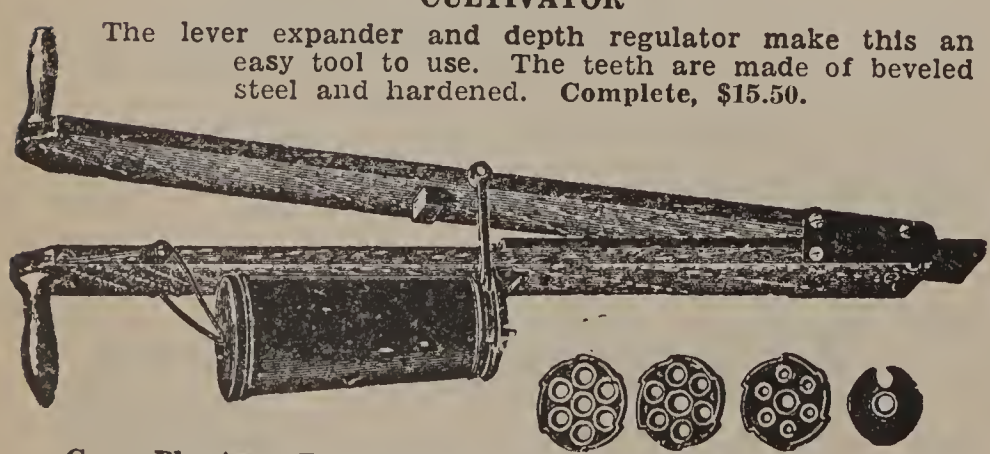
Plow for Single Wheel Hoe. Each.....$1.50
S100-101 Hoe. 7½-inch blade. Pair..... 1.50
Rakes. Each, 3-tooth, 45c; 5-tooth..... .75
Disc Hoes. Pair..... 3.50
Three-Prong Cultivator Teeth. Each $1.75
Cultivator Teeth. Each.... .35



No. 91 TWELVE-TOOTH HARROW
Price, $12.50

No. 8 PLANET JR. HORSE HOE AND CULTIVATOR

The lever expander and depth regulator make this an easy tool to use. The teeth are made of beveled steel and hardened. **Complete, $15.50.**



Corn Planter. The Eclipse Rotary has positive feed. Four changes of disc (one disc for seed or broom corn). No planter is complete without wheel to drop one grain to replant drilled corn. **Each.....$2.00**

No. 25 Planet Jr. Combined Hill and Drill Seeder, Double Wheel Hoe, Cultivator and Plow. A favorite among market gardeners, onion growers, or large gardeners. It is a perfect seeder and combined double and single wheel hoe. **No. 25 complete, $22.50.**

Planet Jr. No. 3 Hill and Drill Seeder. The hill dropping is simple and reliable, making hills either 4, 6, 8, 12, or 24 inches apart. 15-inch steel driving wheel. Holds 3 quarts of seed. Weight packed, 44 lbs. **$18.00.**

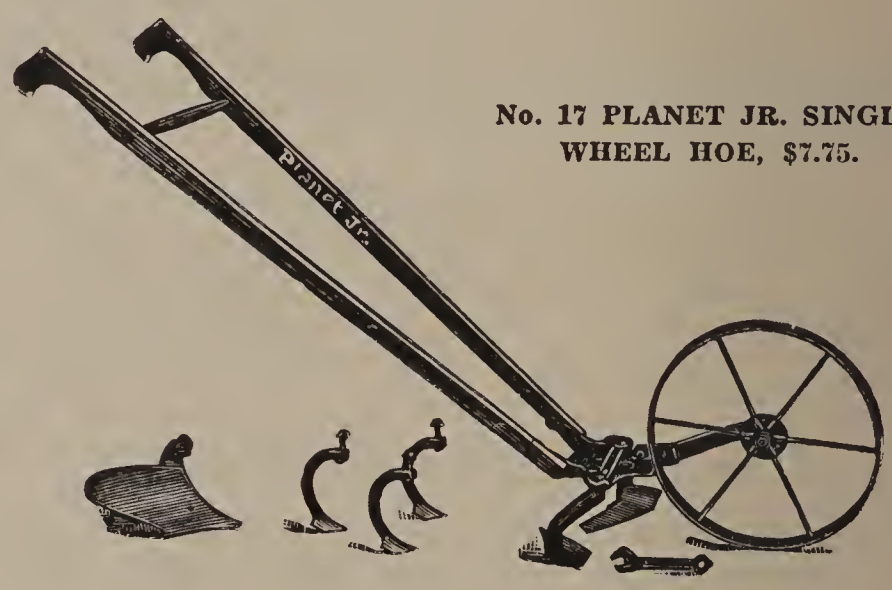
No. 13 Planet Jr. Double and Single Wheel Hoe has same frame, wheels and handles as Nos. 11 and 12, but has for equipment one pair of 6-inch hoes only. **$8.75.**

No. 17 Planet Jr. Single Wheel Hoe. These Single Wheel Hoes have steel frames and 15-inch steel wheels. **$7.75.**

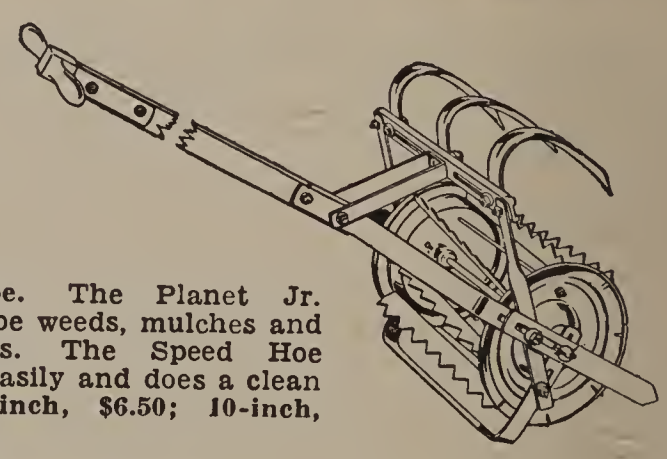
No. 19 Garden Plow and Cultivator. Equipment: 1 2-inch cultivating tooth; 1 10-inch sweep; 1 plow. 15-inch steel wheel. **$4.95.**

Firefly Garden Plow. Exceedingly useful to owners of small gardens, throwing a furrow four to six inches wide and three inches deep. **$4.50.**

Star Pulverizer, Cultivator and Weeder. The star discs break up the ground and the oscillating blade pulverizes it at the same time. It cuts a width of eight inches. **$3.00.**



No. 17 PLANET JR. SINGLE WHEEL HOE, $7.75.



Speed Hoe. The Planet Jr. Speed Hoe weeds, mulches and cultivates. The Speed Hoe pushes easily and does a clean job. **8-inch, $6.50; 10-inch, $7.00.**

Cyclone Seed Sowers. The hopper or sack has a capacity of ½ bushel. It sows with ease to the operator, all varieties of grain and grass seeds perfectly even. **Each, $2.75; postpaid, $2.90.**

Lightning Tin Horn Seed Sower. Has long tin sectional tube, having sack attachment; also has adjustable feed for different grains and quantities. **Each, $0.95; postpaid, $1.05.**

Garden Implements

Asparagus Knife

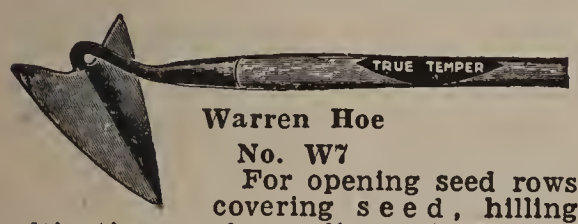
Highest grade crucible steel, highly polished blade. 7¾ inches long, 1¼-inch blade. Fastened by two rivets in highly polished hard wood handle.
Each $0.25

Beet Hoe

A handy little tool for gardeners to thin out lettuce, beets and other small vegetables. 8-inch handle. Each..$0.75

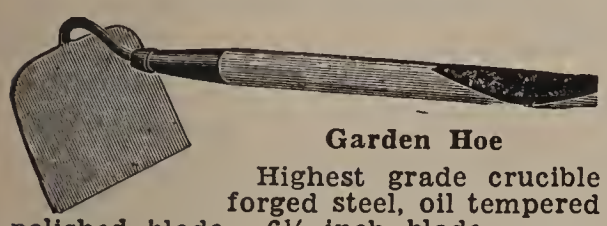
Socket Garden Trowel No. DST.

Blade forged from one solid piece of high-grade steel, tempered and polished $0.90
Stanley Trowel ..... .15



Warren Hoe
No. W7

For opening seed rows, covering seed, hilling, cultivating and weeding. Has more uses than any other hoe made.
Each $1.15



Garden Hoe

Highest grade crucible forged steel, oil tempered polished blade. 6½-inch blade.
Each $1.10

Garden Dibble

All iron; is used for transplanting small plants. Has polished steel point.
Each $0.65

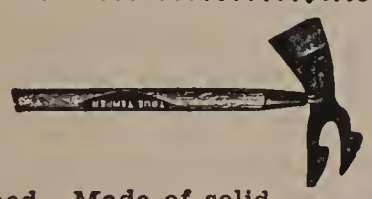
Hand Spading Fork

These forks are well made. The tines are polished about half-way and adjoining part enameled blue. 11 inch.
Each $0.35

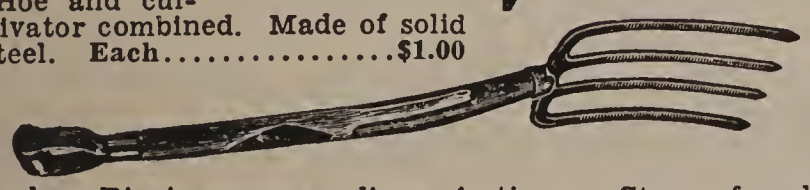
Sure Grip Weed Puller
Each $1.00

4 Edge Utility Hoe
Each $0.75

Acme Weeder or Hand Cultivator



Hoe and cultivator combined. Made of solid steel. **Each**.....$1.00



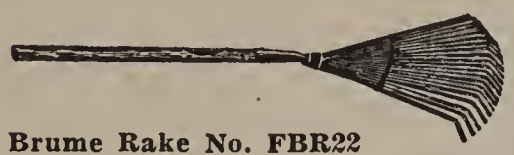
Fork. Digging or spading, 4 tines. Strap ferrule. Gardeners everywhere are adopting spading forks in place of solid blade spades; the forks not only turn up the soil, but at the same time break it up so that cultivation is much easier.....$1.50
Withington 3 prong Fork, long handle..... 1.00
Spade. Is made from the best tempered steel, fitted with select ash handles. **Each**.....$1.75
Tree Pruners, Waters'. The best pruner on the market. **8 ft., $1.85; 10 ft., $2.10; 12 ft.**.....$2.25
Extra blades, each.....$0.50

Garden Rake

All steel, with short teeth, for walks and driveways. **16 teeth.**
Each $1.20
Dandelion Rake or Crab Grass Rake
Each $1.00

Snap Tooth Rake
19 tooth. Each.....$0.85
7 tooth. Each..... .65

Rake, Ole Olson Wooden
Each $1.00



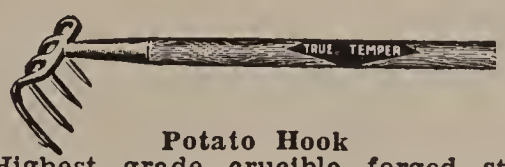
Brume Rake No. FBR22

A light, strong lawn broom, with flat, tempered spring steel teeth. Also used for gathering excelsior or litter from factory or store floors. **Each**.....$0.85

Flat Top Turf Edger
No. 40F

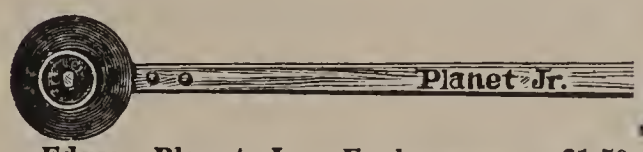
This turf edger has the upper edge of the blade turned over to furnish a flat surface for the foot.
Each $1.15

Imperial Turf Edger
Each $1.15



Potato Hook

Highest grade crucible forged steel tumbled finished prongs, oil tempered and carefully tested; bent head.
Each $1.10

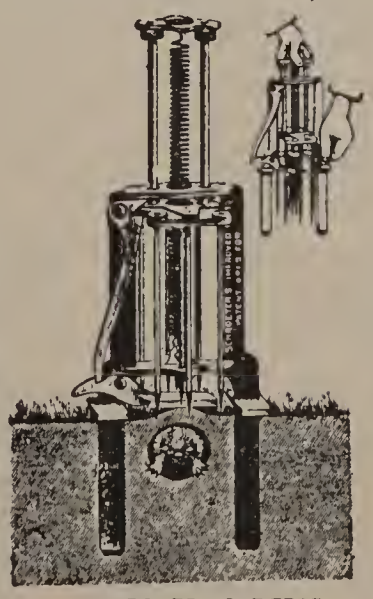


Edger, Planet Jr. Each.....$1.50

No. 82. Garden Weeder. One-piece pressed steel. Handsomely finished in black baked enamel. Has five steel fingers, and is one of the most useful and handiest garden tools made.
Each $0.10

Mole Trap

Is designed particularly for the trapping of Ground Moles.....$2.00

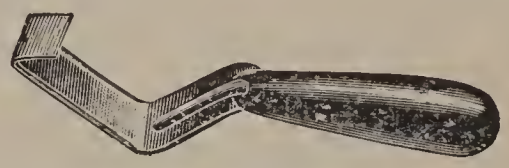


NO. 1 IMPROVED MOLE TRAP

ALL-STEEL GARDEN TOOLS

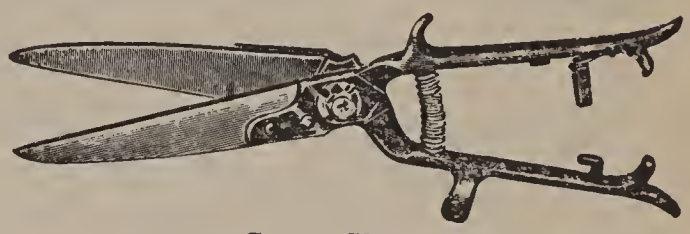
No. 80 Garden Trowel. One piece pressed steel. Handsomely finished in black baked enamel. Length of blade, 6 in. Ground and polished points. Shipping weight, 1 lb.
Each $0.10

No. 81. Transplanting Trowel. One piece pressed steel. Handsomely finished in black baked enamel. Length of blade, 6 inches. Width, 1¾ inches.
Each $0.10



No. 87. Hand Weeder, made of one piece of hard, stiff steel. Ground edges and baked black enameled handle. Enameled in bright colors.
Price, each $0.15

Garden Set. Three pieces; shovel 6x4⅜-inch blade, 42-inch handle; hoe, 4x3½-inch blade, 48-inch handle; rake, 5¾-inch head with 6 2¼-inch bent teeth. **Set**.....$2.00



Grass Shears

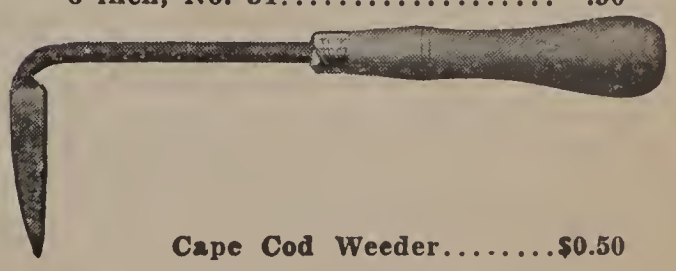
For trimming edges on walks or borders. The best made. **Each**....$0.85
Goodwin Grass Shears. Each.... 1.25

Pruning Shears

Very strong steel blades and good spring. **Each: No. 30, 75c; No. 130, $1.00; No. 172, $1.50.**

Pruning Saw

Highest grade crucible steel, wood handle. 14-inch blade.
Each $1.10
Henry Disston Combination Pruning Saw. Each.....$3.25
Rhodes Tree Pruner
Each $4.50
Seymor Tree Pruner
Each $2.50
Hedge Shears, No. 54. 9 inch, with notch. The "notch" is at the heel of the blades, for cutting small branches $1.75
6 inch, No. 34..... .90



Cape Cod Weeder.....$0.50

GARDEX

GARDEX PULL HOE

With an easy pull, the sharp V-Shaped Blade bites into the ground.

As you walk along, the soil flows over and through the side guards which also protect plants when doing quick, close work. Thus it weeds and cultivates in one operation, leaving soil finely mulched just where you want it, without exposing moist soil to sun. No weeds can escape and it gets most of them out by the roots. Made of Special High Carbon Steel for lasting service. Polished Blade.

No. 1004—4 inches wide, 5 foot Handle. Price..**$1.10**
No. 1005½—5½ inches wide, 5 foot Handle. Price **1.25**

GARDEX CULTI-CLAW

Just the tool for Flower and Rock Gardens. With the long handle, you can get at those inaccessible places—close to plants—in between rocks—under shrubbery. You don't have to stoop, bend or get down on your knees and it cultivates thoroughly.

No. 180—4 foot Handle.....**$1.00**

GARDEX CULTIVATOR

3-PRONG

For large or small gardens, this easy to operate tool is unsurpassed. The position and construction of the High Carbon Steel Tines cause them to penetrate any soil with ease as they loosen and cultivate the ground thoroughly. Even a child can do perfect work with this New Cultivator. Excellent quality and attractive low price.

No. 1503—4½ foot Handle. Complete, price...**$0.80**

GARDEX TURF EDGER

Now you can edge your lawns, flower beds or borders as fast as walking and do a neater job. This New Edger cuts turf vertically and horizontally in one operation working forward or backward. By tilting to 45° angle, it cuts clean V-shape groove between sidewalk and lawn. Wing blade also used to lift sod out as it cuts.

No. 400—4½ foot Handle. Price **$1.30**

GARDEX JR. WEEDER

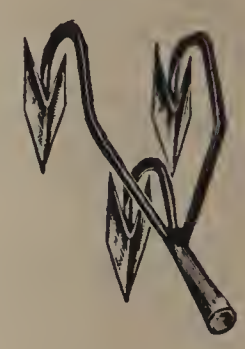
Gets Between Plants 1 Inch Apart

Ideal for apartment dwellers—small home gardens. Handy tool for flower boxes, hot beds, flower beds, cold frames, borders, hedges, etc. Blade sharpened both sides up to handle.

No. 700—4 inches wide, 7 inch Handle.....**$0.25**

"Soil-Flow" GARDEN TOOLS

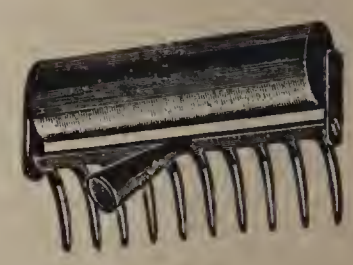
GARDEX CULTIVATOR



With the new GARDEX patented Diamond Point Shares. Use this tool instead of the old chopping hoe for five times faster and better work. It pulls easily through the soil without using pressure. The action of the tool itself keeps it in the ground.

No. 1553—3 prongs, 6 inches wide. Price.....**$1.35**

GARDEX ROLLER RAKE



Rake covers seeded rows, roller presses down the soil to give the seed closer contact with the soil for quicker germination. Handy for rolling lawn seed into soil. Roller detachable.

No. 254—10 inches wide, 10 teeth, roller diameter 2¾ inches. Price.....**$2.20**

GARDEX HAND PLOW

For hilling corn, potatoes, plants, etc. Covering furrows and making irrigation ditches around gardens. With an easy pull it digs in and works well in light or heavy soil. Made of High Carbon Steel, polished mold boards.

No. 2006—6 inches wide, 5 foot Handle. Price..**$1.75**

STEEL HAND BROOM

Cleans up leaves and twigs, loosens soil.

No. 717 — 15½ in. overall length. Price **$0.65**

GARDEX 3-PRONG MIDGET CULTIVATOR

Excellent tool for loosening and aerating soil in small flower beds.

No. 713—2¾ in. wide, 16 in. long. Price **$0.40**

AUXILIN—THE MIRACLE ROOT GROWER

1/6 oz., $0.50 will treat up to 600 cuttings
½ oz., 1.00 will treat up to 1,800 cuttings
3½ oz., 6.00 will treat up to 30,000 cuttings

HORMODIN—STIMULATES RAPID ROOT GROWTH

20 B.T.I. Units $1.00
60 B.T.I. Units 2.00
240 B.T.I. Units 5.00

A Direction and Treatment Chart will be found in each package.

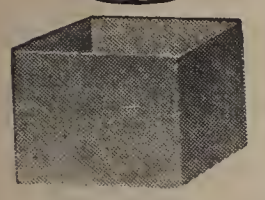
ROOTONE

A harmone powder, no solution. Just dip and plant.

2 oz. jar will treat 3,000 cuttings.....$1.00
1 lb. can will treat 30,000 cuttings..... 5.00

BIRD'S IMPROVED NEPONSET FLOWER POTS

In. Diam.		Weight per 100	Doz.	100	1000
2¼	Red	2 lbs	$0.10	$0.55	$ 4.45
2½	"	2 lbs	.10	.65	4.95
3	"	2 lbs	.18	.80	6.30
3½	"	3 lbs	.20	1.00	8.25
4	"	4 lbs	.23	1.25	10.50
5	"	7 lbs	.30	1.80	14.25
6	"	10 lbs	.45	2.50	19.25



POT PLANT BANDS

Ready to Use

Remember! Square bands and pots have nearly twice the cubic capacity of round pots of same diameter.

All bands packed 250 to a carton. Weight, per carton, 2P, 4 Lbs.; 3P, 7 Lbs.

	Size	Height	250	1000
2P	2x2 inches	2½ inches	$1.25	$4.00
3P	3x3 inches	3 inches	1.60	6.00

CEDAR TREE TUB

CEDAR TREE TUBS

Made of the very choicest seasoned cedar, highly finished with black hoops; will last as long as cypress tubs.

No.	Diam. In.	Height In.	Each
1	12	10½	$1.65
2	13	13	2.05
3	14½	15	2.65
3½	16½	15¾	3.25
4	19½	17	4.10

RICHMOND STYLE TREE TUBS

These Tree Tubs are made of the same selected Virginia White Cedar, bound with flat steel hoops.

No.	Diam.	Depth	Each
1B	6 inch	6 inch	$0.55
4B	9 inch	9 inch	.65
5B	10 inch	9 inch	.80
6B	11 inch	10 inch	.95
7B	12 inch	11 inch	1.15
8B	14 inch	12 inch	1.45

Germaco
Hotkaps
New Method of Plant Protection

Hotkaps are waxed paper cones. They guard against rain, frost, cold, winds, hail, birds, and insects, and maintain perfect mulch. Growth is forced and yield is increased 10 to 25 per cent. Prices not prepaid.

25 (2 lbs.) with paper setter.....$0.50
1,000 (28 lbs.), $9.75 per M.....5,000, per M.. 9.65
100 with setter and tamper (5 lbs.)..... 2.40
250 with setter and tamper (9 lbs.)..... 3.65
Steel Setter and Tamper (4 lbs.)..... 1.50
Garden Setter..... 50c Steel Tamper..... 25c
By mail, add postage for your Zone.

RUBBER PLANT SPRINKLER

Plant Sprinkler. Made of the best rubber. Used for spraying house plants, sprinkling clothes, etc. Price, each, 50c.

Putty Bulb. The best appliance for distributing putty. Used by a large number of leading florists. Price, each, $1.00.

KNEE PADS

Fits any knee and will not slip down when walking. Solid black rubber surface provides durability and long wear, while the air-sponge rubber interior cushions and protects the knees. Pair, $1.00.

PLANT STAKES AND SUPPORTS

Japanese Bamboo Canes. Dyed Green.

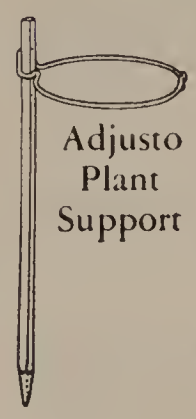
	Doz.	100	1,000		Doz.	100	1,000
1½ feet..	$0.05	$0.30	$2.00	3 feet....	$0.13	$0.60	$4.75
2 feet..	.08	.40	2.50	4 feet....	.13	.75	6.00
2½ feet..	.08	.50	3.50	5 feet....	.15	1.00	9.00

NATURAL CANE STAKES

6 feet.....doz., $0.15; 100, $1.00; 1,000, $9.50

Chinese Tonkin Cane. These are Chinese canes, very strong and heavy. ½-inch diam.

	Doz.	100
4 feet	$0.50	$4.00
5 feet	.60	4.50
6 feet	.70	5.00



Adjusto Plant Support

ADJUSTO PLANT SUPPORTS

Unexcelled for Tomatoes, Dahlias, Delphiniums, Hollyhocks, Etc.

Consists of a sturdy ⅞-inch square stake, pointed at one end, stained green and equipped with a strong, green enameled spring wire loop, adjustable to any height with growth of plants. Adjusto Supports are usable for years.

Height	Doz.
3 feet	$1.90
4 feet	2.15
5 feet	2.40
6 feet	2.70

TIMESAVER PLANT SUPPORT

A long lived, low priced, completely adjustable support, all metal parts being galvanized. Can be adjusted as to height and size of loop almost instantly.

	Doz.
No. 2—3 feet	$1.15
No. 3A—4 feet	2.00
No. 4—5 feet	2.50

POT LABELS AND PLANT MARKERS

	100	1000		100	1000
4 inch	$0.30	$2.15	8 inch	$0.45	$3.25
5 inch	.35	2.35	10 inch	.55	4.25
6 inch	.40	2.75	12 inch 1⅛ in.	1.00	8.50

Tree Labels—3½x⅝ in., 100 for 35c; per 1000.....$2.50

RAFFIA AND REED

Natural, lb., 40c; skein, 10c. Colored, ¼ lb. skein, 35c; 1 lb. pkg., $1.25. Postage extra.

Reed. Used for basket making, lattice work, etc.

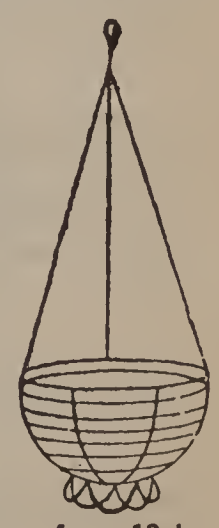
	1 roll	1 lb.		1 roll	1 lb.
No. 1	$0.15	$1.15	No. 4	$0.15	$1.00
No. 2	.15	1.10	No. 5	.15	.95
No. 3	.15	1.05	No. 6	.15	.90

By mail, add Postage, 10c per lb.

BASKET BOTTOMS

Veneered Basket Bottoms for reed weaving. Well sanded and holes properly bored to fit uprights.

3-inch Round	$0.10
4- " "	.13
5- " "	.15
6- " "	.18
8- " "	.25
10- " "	.40
12- " "	.45
3x 6-inch Oval	.15
4x 8- " "	.15
6x10- " "	.35
8x14- " "	.45
10x16- " "	.55
12x20- " "	.80



WIRE HANGING BASKETS

10-inch	$0.35
12-inch	.45
14-inch	.60

Parcel Post, add 15c each for postage.

Sheet Moss. For hanging baskets, bundle for 12-in. basket, 35c.

Insecticides and Fungicides

Acme All Around Spray. Combination spray for combating chewing insects, sucking insects and blight and fungous diseases. Complete spray guide enclosed in each package showing use on flowers, plants. Contains Arsenate of Lead, Bordeaux Mixture and Nicotine Sulphate. **Price: ¼-lb. carton, 35c; 1-lb. carton, 80c.**

Acme Ant-Kill. Is the product of exhaustive research and testing to make it as highly desirable as possible. **Prices: 2 ozs., 20c; 3 ozs., 30c.**

Acme Aphis Spray. A combination of nicotine and soap, effective against aphis and other sucking insects. **Price: 3-oz. tube, 35c; 12-oz. can, 95c.**

Acme Two-Way Spray. A combination of Bordeaux and Arsenate of Lead, for fungous diseases and chewing insects. **Price: ½ lb., 15c; 1 lb., 25c; 4 lbs., 65c.**

Antrol. The Antrol system is adapted to any size house or garden and quickly destroys all species of sweet eating ants. It is composed of small glass containers and a special formula of syrup. Antrol sets containing four containers and one 4 oz. bottle of syrup, **75c.** Antrol extra containers, each **10c.** Antrol Syrup, 4 oz. bottle, **35c;** pints, **85c;** gallons, **$3.50.**

Antrol Ready Filled Sets. Consisting of four patented glass "feeders" filled with regular Antrol Syrup. **Price: Per set, 40c.**

Aphis Punk (22½% Nicotine). For fumigating greenhouses. This paper gives off dense fumes deadly to aphis, thrips and midge. One sheet takes care of 6000 cu. ft., air space. **Price: Carton, 12 sheets, 90c; case of 12 cartons, $8.00.**

Arsenate of Lead Powder. The best known and most extensively used stomach poison for insects. It is safe to use on most plants. For general use, 1 pound to 50 gallons of water, or 3 teaspoonsful to 1 gallon of water. **Price: ½ lb., 20c; 1 lb., 35c; 4 lbs., 80c; 24 lbs., $4.75.**

Black Leaf "40". A concentrated solution of nicotine sulphate. Black Leaf "40" mixes readily with water, does not injure foliage. Destroys aphis, thrips, and leaf hoppers. **Price: 1-oz. bottle, 35c; 5-oz. bottle, $1.00; 1-lb. bottle, $2.25; 2-lb. tin, $3.25; 6-lb. tin, $5.85; 10-lb. tin, $10.60.**

Bordeaux Mixture Powder. For blight, mildew, rust and fungous diseases. For ordinary use it takes 6 pounds to 50 gallons of water. **Price: 1 lb., 30c; 4 lbs., 65c; 24 lbs., $3.50.**

Cyanogas (A Dust). A dry powder, ready to use without any mixing, that gives off a gas effective against ants, rats, mice, moles, grasshoppers, locusts, gophers, fleas, etc. Detailed directions with every package. Cannot be mailed. **Price: ½ lb., 45c; 1 lb., 75c; 5 lbs., $3.00; 25 lbs., $10.00.**

Cyanogas Cyanide "G". Greenhouse fumigant for aphis, white fly, thrips, soft scale and mealy bug, and control for crop-destroying rodents. **Price: 5 lbs., $3.00; 25 lbs., $10.00.**

Dan-D-Lion Killer Kemical. A chemical several drops of which are deposited on the crown of the plant causing the plant to wither and die. A special cane for greater ease in applying is recommended. This cane permits only the required amount to drop out of the case. **Price: qt., 85c; ½ gal., $1.25; 1 gal., $2.00; 5 gals., $7.95. Killer Kane, $1.00.**

Dog Shoo. An effective dog and cat repellent. Harmless to vegetation, but offensive to dogs. Spray once a week where dogs are to be excluded. **Price: Quart, 75c.**

Dogzoff. A liquid to be sprayed around the lower branches of shrubs, flower-beds, and evergreens to keep dogs away. **Price: 60c.**

Dutox—The Non-Arsenical Insecticide. For Mexican bean beetle, striped cucumber beetle, tobacco flea beetle and other flea beetles, also cabbage hopper and corn ear worm and bean leaf roller. Use from 1 to 1¼ pounds of Dutox to 50 gallons of water to control beetles. weevils and leaf-eating insects. **Price: 1 lb., 35c; 6-lb. bag, $1.40.**

Ever Green. Non-poisonous insecticide. **Price: 1-oz. bottle, 35c; 6-oz. bottle, $1.00; 16-oz. bottle, $2.00; 1 gal., $11.00.**

Fish Oil Soap. Used as a wash during the summer to prevent spread of scale. Destroys sucking insects and plant lice. **Price: 1 lb., 45c; 5 lbs., $1.50; 10 lbs., $2.75.**

Flowers of Sulphur. Used to check mildew and fungous diseases. **Price: 1 lb., 10c; 5 lbs., 45c; 10 lbs., 75c.**

Grafting Wax. Used for grafting. Also good to rub over any wounds that are made on the bark or in pruning. **Price: ¼ lb., 20c; ½ lb., 35c; 1 lb., 60c.**

Grape Dust (Hammond's). Used as a dust to check mildew, dry rot and other fungi. **Price: 1 lb., 35c; 5 lbs., $1.25.**

Iron Sulphate. 1½ lbs., 15c; 6 lbs., 50c; 12 lbs., 85c; 24 lbs., $1.50. For killing chick weed, use 1½ lbs. to 1 gal. of water.

Lime-Sulphur Powder. Used as a dormant spray against scale insects. Use 10 to 12 pounds to 50 gallons of water. **Price: 1 lb., 35c; 5 lbs., $1.45; 12½ lbs., $2.00.**

Massey Dust. For control of insects and fungus diseases on plants. **1 lb., 20c; 5 lbs., 75c: 10 lbs., $1.40.**

Nikoteen Liquid. An effective spray when mixed with 500 parts of water. Death to aphis, green fly, spider, mealy bug, thrips and many other forms of flower, fruit and vegetable lice. **Price: 30% strength—small bottles, 30c and 50c; ½ lb., 95c; 1 lb., $1.75. 40% strength—4 lbs., $5.50; 8 lbs., $10.00.**

Nikoteen Powder (15% Nicotine). For greenhouse fumigation. Three ounces take care of approximately 7000 cu. ft. air space. **Price: 5-lb. tin, $3.35; 10-lb. tin, $5.85.**

Paradichlorbenzine. Comes in crystals to be applied around the base of tree, in the fall of the year, to destroy borers. **Price: 1-lb. can, 45c; 5-lb. can, $2.00; 10-lb. can, $3.50.**

Pyrote. A non-poisonous, double-acting, concentrated insect spray for flowers, plants, fruits, vegetables. Effective against sucking and chewing insects. Will not injure vegetation, harmless to humans and animals. **1 oz., 35c; 6 oz., $1.00; pint cans, $2.00; gal., $12.00.**

Paris Green. Paris Green is a strong and best known poison for potato bugs. **Price: ¼ lb., 15c; 1 lb., 45c; 2 lbs., 85c; 5 lbs., $2.00.**

Pest Go. Protective insecticidal, is applied to trunk of trees. Kills borers, termites, ants, scale insects, etc. Paint or spray, covering all the surface of the trunk up to seven feet on average size tree. **1 qt., 75c; gal., $2.50.**

Red Arrow. Non-Poisonous, kills by contact, will not burn or stain tenderest foliage. One ounce will make 4 to 8 gallons spraying solution. Effective against red spiders, mealy bugs, Mexican bean beetles, and other hard-to-kill pests. **Price: 1-oz. bottle, 85c; 4-oz. bottle, $1.00; 1-pt. bottle, $2.50; 1-qt. can, $4.00.**

Scalecide. A dormant spray for scale. Mix 1 part with 15 parts of water. **Price: qt., 65c; gal., $1.55; 5 gals., $5.50; 10 gals., $9.50; 30 gals., $21.00; 50 gals., $29.00.**

Slugshot. Thoroughly reliable in killing currant worms, potato bugs, cabbage worms, chicken lice, slugs, sow bugs, etc. **Price: Cartons, 25c; 5 lbs., $1.00.**

Snarol. Will not deteriorate from rain or sprinkling and also is non-injurious to vegetation when used according to simple directions. These features distinguish it from ordinary controls and make **Snarol** popular with professional gardeners and nurserymen. **Price: 1½-lb. pkg., 35c; 4-lb. pkg., 85c; 15-lb. bag, $3.00.**

Sulfocide. A summer spray for scale. **Price: 1 pt., 50c; 1 qt., 85c; 1 gal., $2.25; 5 gals., $7.50.**

Terro Ant Killer. A syrup that is placed on chips of wood or cardboard. Ants will be active for a short time but the entire colony will be cleaned out within 24 hours as the worker ants take the poison back to the nest where the queen ant is destroyed preventing further propagation. **Price: 25c and 50c per bottle.**

Terogen. An autumn-winter soil treatment for roses. **Terogen** will strengthen your plants, assisting them in warding off many troublesome diseases and imparting renewed vigor to them. A 10-lb. tin will cover 100 sq. ft. of soil. **Price: 1-lb. tin, 75c; 2-lb. tin, $1.25; 5-lb. tin, $2.75; 10-lb. tin, $4.75.**

Tobacco Dust. For aphis. **Price: 100 lbs., $3.50.**

Tree Paint (Pine Tar). For painting on wounds after pruning. **Price: 1 pt., 30c; 1 qt., 50c; 1 gal., $1.75.**

Tree Tanglefoot (Caterpillar Paste). A sticky substance spread around the bark of trees to prevent creeping insects from climbing up the tree. **Price: 1-lb. can, 50c; 5-lb. can, $2.35; 10 lbs., $4.50; 20 lbs., $8.75.**

Triad. A combination of the most effective fungicides and insecticides. For control of mildew, blackspot, chewing and sucking insects. Especially developed to solve all problems of rose growers in one spray. **4-oz. bottle, 65c; half pint, $1.00; pint, $1.50; quart, $2.50; gal., $8.00.**

Tri-Ogen. The all-purpose spray. A positive plant protection. This complete rose garden spray treatment—**Tri-Ogen**—offers the first definite mildew and black spot control combined with an insecticide. It kills all insects, including the sucking and leaf-eating types. It remains on foliage, repelling subsequent attacks.

A. Small Kit (makes 16 quarts), **$1.50.** Protects 12 to 20 roses for season.

B. Medium Kit (makes 64 quarts), **$4.00.** Protects 50 to 80 roses for season.

C. Large Kit (makes 32 gallons), **$6.00.** Protects 100 to 160 roses for season.

D. Estate Kit (makes 128 gallons), **$20.00.** Protects 400 to 600 roses for season.

Volck (Nursery). The scientific insecticide for nursery, greenhouse and garden. Controls scale insects, mealy bug, white flies, red spiders, rust mites, aphis and thrips. **Price: ½ pt., 35c; 1 qt., 75c; 1 gal., $2.00; 5 gals., $6.25.**

Weed Killer (Hammond's). Kills weeds in gutters, roads, paths, tennis courts, etc. Will not discolor cement. Easier and less expensive than hoeing and digging. Use 1 part Weed Killer to 50 parts water. **Price: 1 qt., 50c; 1 gal., $1.50; 5 gals., $6.25; 30 gals., $30.00.**

GRANULATED PEAT MOSS

Used for Top Dressing on Lawns and for Mulching Bulbs, Shrubs and Roses

Granulated peat moss is a light brown colored virgin soil formed years ago by the growth and decay of mosses (mostly Sphagnum).

Established lawns should be covered ½ inch deep with Granulated Peat Moss in the late Fall. If the Fall covering has been omitted cover lightly in the Spring and occasionally during the growing season. It soon works in about the grass roots.

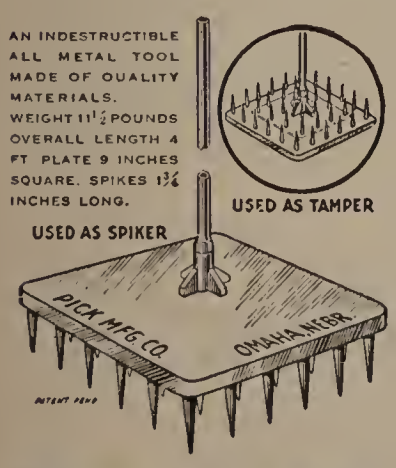
Large bale, about 150 lbs. (covers 290 square feet one inch deep). Price, per bale, $3.00; 5 bales $2.90 each.

SPHAGNUM MOSS

Extensively used for filling Fern and Orchid baskets, mixing with potting soil, covering tops of pots to preserve moisture, etc. **Lb., 15c; bale, about 20 lbs., $1.75.**

FLORIDA HUMUS

Florida Humus is pure soil building organic matter of fertility. It is a water-container—the most highly absorbent type of humus known. It is an ideal medium for the beneficial bacterial action which makes raw plant foods available to plants. Through its high nitrogen content, it is actually a plant food in itself. It provides one of the structural necessities of the soil. **100 lbs., $3.00; 200 lbs., $5.00.**



SPIKE TAMP

Spike side breaks and aerates top soil. Reversed in a minute's time, it is a handy tamp. A necessary tool to prepare lawn for seeding and to tamp after seeding. Lasts a lifetime. **Price, $4.50.**

SPIKE TAMP
"THE LAWN MAKERS' FRIEND"

FERTILIZER SPREADERS

VIGORO FERTILIZER SPREADERS

A very durably constructed machine which will spread rapidly and uniformly.

Model B. 14-inch spread.....$2.90

No. 14. Junior, Spreading width, 16 inches $6.00

No. 24. Standard. Spreading width, 24 inches $11.35

MOE'S FERTILIZER SPREADER

No. 500. Size at top 12x21-10 in. deep. Holds 40 lbs. of chemical fertilizer. **Each, $6.00.**

DUNHAM LAWN ROLLERS

Lawns should be rolled frequently. The grass is often raised out of the soil due to alternate thawing and freezing.

No.	Diam. Inches	Length Inches	Approx. Wt. Empty	Filled with Water	Each
5	18	24	85 lbs.	265 lbs.	$14.00
7	24	24	110 lbs.	420 lbs.	16.50
9	24	32	130 lbs.	565 lbs.	19.00

SOIL-SOAKER

Large diameter porous hose that attaches to regular hose. Water gently seeps out through the whole length of the SOIL-SOAKER, permitting the water to penetrate deep; helps you grow luxuriant lawn, vigorous shrubs, roses, trees and gardens. Use a SOIL-SOAKER and have a fine lawn. **12-ft., $1.00; 18 ft., $1.50; 30 ft., $2.50.**

Plant Food for Lawns and Gardens

A Necessity to All Growing Plants

ADCO FOR ARTIFICIAL MANURE

Adco is a powder which, mixed with vegetable matter and kept moist, turns the latter into real **Manure**, but without the odor, flies, etc. Directions enclosed in bags. **Price, 7½-lb. package, $1.00; 25-lb., bag, $2.25; 100 lbs., $8.60.**

Sheep Manure. Wizard Brand is highly concentrated sheep manure, uniformly pulverized with all weed seeds killed. Every atom is available for plant use. It is economical and convenient. In making new lawns scatter broadcast 100 pounds to 1,000 square feet. **Price, 5 lbs., 25c; 10 lbs., 40c; 25 lbs., 80c; 50 lbs., $1.20; 100 lbs., $2.00; 500 lbs., $9.50.**

Cattle Manure. Wizard Brand Cow or Cattle Manure is a highly concentrated pulverized pure manure dried by a special direct heat process and packed in bags for convenient use. Has no offensive odor. Highly recommended for roses, shrubs, flowers, vegetables and all growing plants. For new lawns apply 10 pounds to 100 square feet and rake into the surface soil. On established lawns apply at the same rate and scatter just as you would sow seed. **10 lbs., 40c; 25 lbs., 80c; 50 lbs., $1.20; 100 lbs., $2.00; 500 lbs., $9.50.**

Garden Mulch (Pure Cow Manure). For your garden and lawn. A natural fertilizer that can be used as a mulch for roses, shrubs, evergreens, peonies, dahlias, gladiolus, lilies and all heavy feeding plants. For liquid manure, use one to two pounds of **Garden Mulch** to five gallons of water and use when watering once or twice a week. **10 lbs., 35c; 25 lbs., 60c; 50 lbs., 85c; 100 lbs., $1.60; 500 lbs., $7.00.**

Aluminum Sulphate. Gives the soil the acidity necessary for the successful culture of Rhododendrons and similar plants. **5 lbs., 35c; 10 lbs., 55c; 25 lbs., $1.10; 100 lbs., $3.60.**

Bone Meal. For top dressing for lawns, pastures and meadows; also for use in the vineyard and about fruit trees and bushes. It carries ammonia and phosphoric acid. Use 400 to 600 pounds per acre. **5 lbs., 30c; 10 lbs., 50c; 25 lbs., $1.00; 50 lbs., $1.50; 125 lbs., $2.85.**

Cotton Seed Meal. Rich in nitrogen and potash; suitable for grain crops, but most largely used in lawns. Use ¾ to 1½ tons per acre. **25 lbs., $1.00; 50 lbs., $1.75; 100 lbs., $3.25.**

Milorganite. A unique plant food, scientifically prepared, free from weed seed and all harmful organisms. It is unusually long lasting and easy to apply. It can be applied in generous quantities without danger of burning. **25 lbs., $1.10; 50 lbs., $1.60; 100 lbs., $3.00.**

Muriate of Potash. Improved Potash, once again available, should be used liberally, especially for all root crops. Apply 2 pounds to 100 square feet. **5 lbs., 35c; 25 lbs., $1.00; 50 lbs., $1.75; 100 lbs., $3.15.**

Nitrate of Soda. Carries nothing but nitrogen (ammonia)—no phosphoric acid or potash. It is highly stimulating on grass or other vegetation. **Lb., 10c; 10 lbs., 55c; 25 lbs., $1.00; 50 lbs., $1.75; 100 lbs., $3.15.**

Pulverized Limestone. Used to neutralize acid soil on lawns and gardens. It is made from the purest crystalline white limestone obtainable. **Bags of 10 lbs., 25c; 100 lbs., $1.25.**

Super Acid Phosphate. Sixteen per cent available. Bone phosphate, the most available form. Used for grain crops and others requiring an excessive amount of phosphoric acid. **50 lbs., $1.50; 125 lbs., $2.10.**

Sulphate of Ammonia. Guaranteed 25½ per cent ammonia, highly concentrated, quick acting. Particularly desirable for grass lands and lawns. It is also freely used for grains. 10 pounds covers 2500 square feet or 50 ft. x 50 ft. **5 lbs., 30c; 10 lbs., 50c; 25 lbs., $1.00; 100 lbs., $2.75.**

Vigoro. Is a specially prepared plant food. It contains all of the elements necessary to grow flowers, lawns, vegetables, shrubbery and trees. It is clean and odorless. Complete directions in every bag. **5 lbs., 45c; 10 lbs., 85c; 25 lbs., $1.50; 50 lbs., $2.50; 100 lbs., $4.00.**

TRI-CON FERTILIZER SPREADER

A safe way to apply Sulphate of Ammonia to the lawn. Place fertilizer in jar and attach spreader to hose and sprinkle lawn. Nozzle may be used without jar or turned on side and used as a lawn sprinkler. Price, **Each $3.75.**

It's News

in the Spring of 1939

ST. LOUIS SEED COMPANY'S

"PURE AND SURE"

HAVALAWN

GRASS SEED FOR LAWNS

411 NORTH BROADWAY ST. LOUIS

HORMONE TREATED

Always First in Quality and First in Being

HORMONE TREATED

HAVALAWN is the city's finest and best known grass seed. It is a mixture prepared by experts. Only the finest seeds are used, and only varieties specially selected for best results in the St. Louis climate.

Cheap grass seed never pays. It always costs more in the end. It is full of chaff and dormant seeds that will never grow. HAVALAWN seed is double cleaned and exceptionally high in germination.

St. Louis Seed Company has kept its position of leadership by being never satisfied; by always seeking progress. So now the finest grass seed is even better than ever before.

Hormone treatment has a proven record of improving fertility, root growth and plant growth—often as much as fifty per cent. But heretofore physical conditions made the Hormone treatment of grass seed impossible. Constant research and a revolutionary improvement has at last overcome what looked like an impossibility. At last grass seed has been successfully Hormone treated.

HAVALAWN, always first in quality is now first in being Hormone treated. The best seed made even better. And because of that betterment actually lower in cost of results than ever before. HAVALAWN Hormone treated seed does not cost any extra. Remember that in results HAVALAWN will go more than twice as far as so called cheap seed. For economy and results buy HAVALAWN Hormone treated grass seed.

ST. LOUIS SEED CO.

411 North Broadway (near Locust) Phone CEntral 4100

Beautifying Your Lawn

This year because of Hormone treated HAVALAWN grass seed you have a golden opportunity to beautify your lawn with a luxurious carpet of green velvet. But remember that proper preparation, care and feeding are still necessary.

Proper fertilization of the lawn is always vital—and with the use of Hormone treated grass seed it is even more necessary than ever before. Hormones are not plant food, but the mysterious element of nature that enables the plant to take fullest advantage of the food in the soil.

Grass consumes the nourishment in the soil; so for a successful lawn the plant food must be replenished annually with fertilizer. We recommend Vigoro; the fertilizer containing the eleven different elements needed for plant food. We will gladly give you expert advice in the proper preparation of the lawn for seeding and the use of fertilizer.

HORMONES

are Nature's Magic

Hormones are to vegetation what vitamines are to humans. The mysterious element that controls growth. Without Hormones vegetation has a struggle for very existence. With Hormones vegetation starts surer and quicker and root and top growth develop with marvelous improvement.

Years of scientific research have not only determined the purpose of Hormones but has made possible the isolation of them—so that this magic can actually be applied in a practical way—and practical results have duplicated laboratory results in their records of miraculous growth improvement.

The latest development in the science of plant health is the application of Hormones to grass seed—properly given to St. Louis through the Middle West's oldest and greatest seed house.

Startlingly New Advancement

Makes possible the Hormone treatment of Grass Seed

Science has known for years that the Hormone treatment of seeds, roots and cuttings work a wonderful improvement. Results have been amazing. Root growth and plant growth have often doubled.

Roots, cuttings and bulbs have been so treated for years—but the very smallness of grass seed baffled science. At last a startlingly new advancement, an entirely different method of application, has been developed.

This Spring we are proud to announce that HAVALAWN grass seed is Hormone treated.

Only HAVALAWN is the famous mixture of the very finest seeds

Only HAVALAWN is Hormone Treated

Mark Your Flowers and Shrubs for Economy Convenience and Pleasure

Use Brandt's non-rusting, non-corrosive all-metal markers and tags. These markers and tags are easily and permanently marked with a fluid that etches into the metal. They are offered at prices that permit their extensive use.

B-200. A metal-marking fluid that etches the marking into the metal, producing a permanent, easy to read, jet black marking. The fluid is applied with a special pen point. Shipping weight 8 oz.....1-ounce bottle, 25c

B-201. A general utility tag offering many special features of value to the gardener. Shipping weight for 25—2 lbs.....Each, 3½c

B-202. An all-metal ⅞ in. x 3⅜ in. insert marker offering new features that make it exceptionally convenient to use, easy to read and permanent. Complete with insert and standard. Shipping weight for 25—2 lbs.....Each, 6c

B-203. A ¾ in. x 2 7/16 in. size, all-metal insert marker similar to B-202. Complete with insert and standard. Shipping weight for 25—2 lbs.....Each, 5c

B-204. A non-rusting, non-corrosive metal insert for use with the B-203 holder. Shipping weight for 25—4 ozs.....5 for 5c

B-205. A non-rusting, non-corrosive metal insert for use with the B-202 holder. Shipping weight for 25—8 ozs.....4 for 5c

B-206. A ¾ in. x 2 3/16 in. size non-rusting, non-corrosive tag marker for shrubbery and trees. The wire will not produce verdigris, corrode or rust. Shipping weight for 25—4 ozs.....3 for 5c

B-207. Similar to B-206 with the exception of the tag which is ⅝ in. x 3¾ in. size. Shipping weight for 25—6 ozs.....2 for 5c

B-208. An imported stainless steel pen point. It will not rust or corrode when used with the B-200 fluid.

B-209. A non-metallic pen holder made for use with the B-200 fluid and B-208 pen point. Shipping weight for 1 of each, 3 ozs. 1 holder and 1 pen point.....10c

B-210. An all-metal tag marker similar to B-201 with the exception of the shape of the tag. Tag ⅝ in. x 3¾ in. Shipping weight for 25—2 lbs.....Each, 3½c

B211. Similar to B-210 with the exception that the tag is ¾ in. x 2 3/16 in. size. Shipping weight for 25—1 lb. 12 ozs.....Each, 3½c

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ST. LOUIS SEED COMPANY'S CALENDAR FOR PLANTING SEED IN THE LATITUDE OF ST. LOUIS

JANUARY—Sow in Hotbed—Early Beet, Early Cabbage, Cauliflower, Early Lettuce, Early Onions, Radish.

FEBRUARY—Sow in Hotbed—Early Beet, Brocoli, Early Cabbage, Cauliflower, Celery, Egg Plant, Early Lettuce, Parsley, Pepper, Early Onions, Radish, Tomato.

MARCH—Sow in Hotbed—Early Beet, Early Cabbage, Forcing Carrot, Cauliflower, Celery, Cucumber, Egg Plant, Kohl Rabi, Melon, Parsley, Pepper, Onions, Radish, Tomato, Herbs. Sow in Open Ground—Beans, Beets, Cabbage, Cauliflower, Celery, Carrot, Cress, Leek, Lettuce, Onions, Parsnips, Peas, Potatoes, Radish, Spinach, Early Turnip, Onion Sets.

APRIL—Sow in Hotbed—Cucumber, Egg Plant, Melon, Pepper, Tomato. Sow in Open Ground—Asparagus, Beans, Beets, Cabbage, Carrots, Cauliflower, Celery, Sweet Corn, Cress, Endive, Kale, Kohl Rabi, Leek, Lettuce, Melons, Onions, Parsley, Parsnips, Peas, Potatoes, Radish, Rhubarb, Salsify, Spinach, Turnips, Sage, Herbs, Onion Sets.

MAY—Sow in Open Ground—English Beans, Pole Beans, Bush Beans, Beets, Brussels Sprouts, Cabbage, Carrot, Celery, Sweet Corn, Cress, Cucumber, Endive, Kale, Kohl Rabi, Leek, Lettuce, Melon, Okra, Onion, Parsley, Parsnips, Peas, Potatoes, Pumpkin, Radish, Salsify, Spinach, Squash, Tomato, Turnip, Herbs.

JUNE—Sow in Open Ground—Bush Beans, Lima Beans, Pole Beans, Beet, Carrot, Cabbage, Sweet Corn, Cress, Cucumber, Endive, Kale, Kohl Rabi, Lettuce, Melon, Okra, Peas, Potatoes, Pumpkin, Radish, Spinach, Squash, Turnip, Rutabaga.

JULY—Sow in Open Ground—Bush Beans, Beet, Carrot, Sweet Corn, Corn Salad, Cress, Cucumber, Endive, Gherkin, Kale, Kohl Rabi, Lettuce, Okra, Pumpkin, Radish, Spinach, Squash, Turnip, Rutabaga.

AUGUST—Sow in Open Ground—Bush Beans, Corn Salad, Cucumber, Endive, Lettuce, Early Peas, Radish, Spinach, Squash, Turnip. Plant—Winter Onions.

SEPTEMBER—Sow in Open Ground—Corn Salad, Cress, Kale, Lettuce, Mustard, Winter Radish, Spinach, Turnip. Plant—Winter Onions. Write for St. L. S. Co.'s Bulb Catalogue.

OCTOBER—Sow in Open Ground—Corn Salad, Cress, Kale, Lettuce, Mustard, Spinach. Plant—Hyacinth, Tulips, Narcissus and other Dutch Bulbs in open ground, pots or glasses.

NOVEMBER—Plant Hyacinth, Tulips, Narcissus and other Dutch Bulbs in open ground, pots or glasses.

ST. LOUIS SEED CO.'S

HAVALAWN GRASS SEED

A CAREFULLY SELECTED MIXTURE FOR ST. LOUIS LAWNS

This is positively the highest grade mixture that can be prepared. Composed of the seed of the finest grasses and white clover, so that with ordinary care HAVALAWN Grass Seed will not fail to make a beautiful lawn. It is a known fact that a well-blended mixture of grasses will give better results than a separate variety. HAVALAWN is so well blended that it is sure to thrive on most any soil. HAVALAWN insures a steady succession of growth.

1 Lb., 40c; 3 Lbs., $1.10; 5 Lbs., $1.75; 10 Lbs., $3.40; 25 Lbs., $8.00; 100 Lbs., $30.00

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The Seed You Use . . .

The seed you use, the time you plant, and the method of planting you follow are all very important in achieving the beautiful garden you desire. Use our high test seeds and plant them right . . . *but don't stop there!*

Make sure that the young plants will find ample nourishment when they develop feeding roots.

Scientists have shown that all plants require 11 different food elements from the soil if they are to have normal growth and development. That's why we recommend VIGORO for everything you grow. Vigoro, the complete, balanced plant food made by Swift, contains every one of these 11 needed elements in proper proportion.

Vigoro is clean, sanitary, and odorless . . . *and it's the most economical plant food you can buy!* Use it at the rate of 4 pounds per 100 square feet of lawn or garden area.

VIGORO

The SQUARE MEAL *that assures rich* BEAUTY *in Lawns and Flowers*

100-lb. bag	$4.00
50-lb. bag	2.50
25-lb. bag	1.50
10-lb. pkg.	.85
5-lb. pkg.	.45
1-lb. pkg.	.10